

SHOWELL'S

Dictionary

OF

BIRMINGHAM.

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BIRMINGHAM : CORNISH BROS., NEW STREET.

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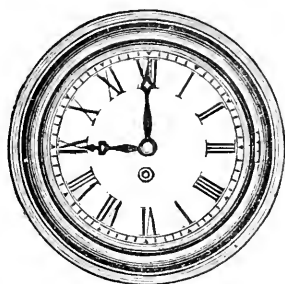
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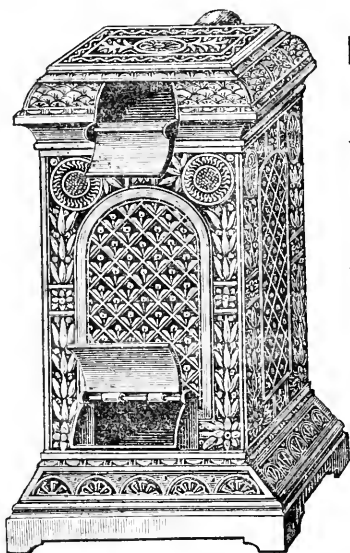
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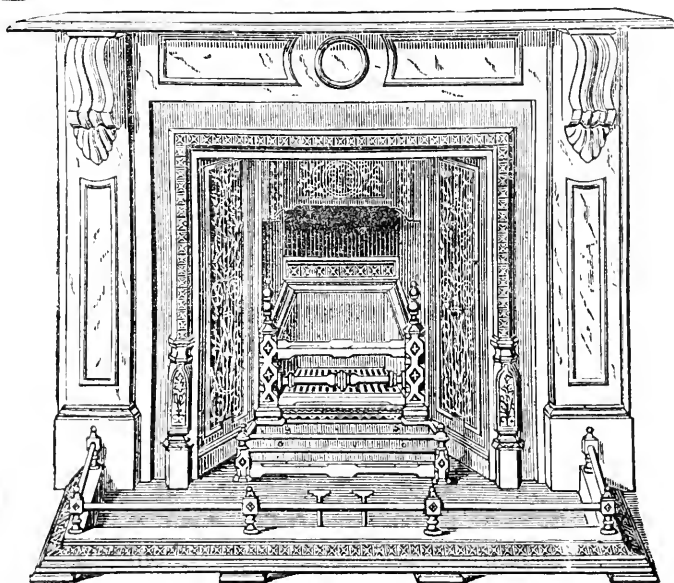
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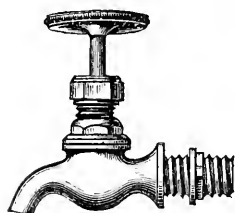
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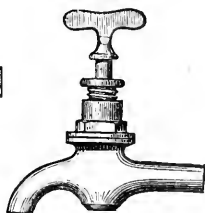
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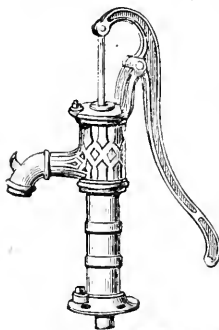
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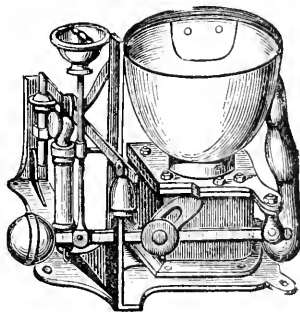
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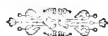
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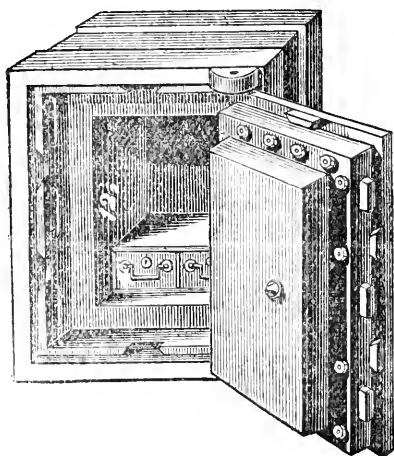
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A HISTORY AND GUIDE,

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Containing Thousands of Dates and References to Matters of Interest connected with the Past and Present History of the Town—its Public Buildings, Chapels, Churches and Clubs—its Friendly Societies and Benevolent Associations, Philanthropic and Philosophical Institutions—its Colleges and Schools, Parks, Gardens, Theatres, and Places of Amusement—its Men of Worth and Noteworthy Men, Manufactures and Trades, Population, Rates, Statistics of progress, &c., &c.



Compiled by THOS. T. HARMAN, Author of "The Local Book of Dates," "Notes and Records," &c.,

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SHOWELL'S
Dictionary of Birmingham.



NOTES OF BIRMINGHAM IN THE PAST.

Birmingham to the Seventh Century.—We have no record or traces whatever of there being inhabitants in this neighbourhood, though there can be little doubt that in the time of the invasion of the Romans some British strongholds were within a few miles of the place, sundry remains having been found to show that many battles had been fought near here. If residents there were prior to King Edward the Confessor's reign, they would probably be of Guth's tribe, and their huts even Hutton, antiquarian and historian as he was, failed to find traces of. How the name of this our dwelling-place came about, nobody knows. Not less than twelve dozen ways have been found to spell it; a score of different derivations "discovered" for it; and guesses innumerable given as to its origin, but we still wait for the information required.

Birmingham in the Conqueror's Days.—The Manor was held, in 1066, by Alwyne, son of Wigod the Dane, who married the sister of the Saxon Leofric, Earl of Mercia. According to "Domesday Book," in 1086, it was tenanted by Richard, who, held, under William Fitz-Ansculf, and included four hides of land and half-a-mile of wood, worth 20s.; there were 150 acres in cultivation, with but nine residents, five villeins, and four bordarers. In 1181 there were 18 freeholders (*libere tenentes*) in Birmingham cultivating 667 acres, and 35 tenants *in demesne*, holding 158 acres, the whole value being £13 8s. 2d.

Birmingham in the Feudal Period.—The number of armed men furnished by this town for Edward III.'s wars were four, as compared with six from Warwick, and forty from Coventry.

Birmingham in the Time of the Edwards and Harrys.—The Manor passed from the Birmingham family in 1537, through the knavish trickery of Lord L'Isle, to whom it was granted in 1545. The fraud, however, was not of much service to the noble rascal, as he was beheaded for treason in 1553. In 1555 the Manor was given by Queen Mary to Thomas Marrow, of Berkswell.

Birmingham in 1538.—Leland, who visited here about this date, says in his "Itinerary"—"There be many smithies in the towne that use to make knives and all manner of entlery tooles, and many lorimers that make bittes, and a great many maylors, so that a great part of the towne is maintained by smithes, who have their iron and seacole out of Staffordshire." He describes the town as consisting of one street, about a quarter of a mile long, "a pretty street or ever I enterd," and "this street, as I remember, is called Dirtey."

Birmingham in 1586.—Camden in his "Britannica," published this year, speaks of "Bremicham, swarming with inhabitants, and echoing with the noise of anvils, for the most part of them are smiths."

Birmingham in 1627.—In a book

issued at Oxford this year mention is made of "Bremincham inhabited with blacksmiths, and forging sundry kinds of iron utensils."

Birmingham in 1635.—As showing the status the town held at this date we find that it was assessed for "ship money" by Charles I. at £100, the same as Warwick, while Sutton Coldfield had to find £80 and Coventry £266.

Birmingham in 1656.—Dugdale speaks of it as "being a place very eminent for most commodities made of iron."

Birmingham in 1680-90.—Macaulay says: The population of Birmingham was only 4,000, and at that day nobody had heard of Birmingham guns. He also says there was not a single regular shop where a Bible or almanack could be bought; on market days a bookseller named Michael Johnson (father of the great Samuel Johnson) came over from Lichfield and opened a stall for a few hours, and this supply was equal to the demand. The gun trade, however, was introduced here very soon after, for there is still in existence a warrant from the Office of Ordnance to "pay to John Smart for Thomas Hadley and the rest of the Gunmakers of Birmingham, one denature of flour-score and sixteen pounds and eighteen shillings, dated ye 14th of July, 1690."—Alexander Missen, visiting this town in his travels, said that "swords, heads of canes, snuff-boxes, and other fine works of steel," could be had "cheaper and better here than even in famed Milan."

Birmingham in 1691.—The author of "The New State of England," published this year, says: "Bromicham drives a good trade in iron and steel wares, saddles and bridles, which find good vent at London, Ireland, and other parts." By another writer, "Bromicham" is described as "a large and well-built town, very populous, much resorted to, and particularly

noted a few years ago for the counterfeit groats made here, and dispersed all over the kingdom."

Birmingham in 1731.—An old "Road-book" of this date, says that "Birmingham, Bromicham, or Bremicham, is a large town, well built and populous. The inhabitants, being mostly smiths, are very ingenious in their way, and vend vast quantities of all sorts of iron wares." The first map of the town (Westley's) was published in this year. It showed the Manor-house on an oval island, about 126 yards long by 70 yards extreme width, surrounded by a moat about twelve yards broad. Paradise Street was then but a road through the fields: Easy Hill (now Easy Row), Summer Hill, Newhall Hill, Ludgate Hill, Constitution Hill, and Snow Hill pleasant pastures.

Birmingham in 1750.—Bradford's plan of the town, published in 1751, showed a walk by Rea side, where lovers could take a pleasant stroll from Heath Mill Lane. The country residences at Mount Pleasant (now Ann Street) were surrounded with gardens, and it was a common practice to dry clothes on the hedges in Snow Hill. In "England's Gazetteer," published about this date, Birmingham or Bromicham is said to be "a large, well-built, and populous town, noted for the most ingenious artificers in boxes, buckles, buttons, and other iron and steel wares; wherein such multitudes of people are employed that they are sent all over Europe; and here is a continual noise of hammers, anvils, and files."

Birmingham in 1765.—Lord and Lady Shelburne visited here in 1765. Her ladyship kept a diary, and in it she describes Mr. Baskerville's house (Easy Row) as "a pretty place out of the town." She also mentions visiting a Quaker's to see "the making of guns."

Birmingham in 1766.—In "A New Tour through England," by George

Baumont, Esq., and Capt. Henry Disney, Birmingham is described as "a very large populous town, the upper part of which stands dry on the side of a hill, but the lower is watry, and inhabited by the meaner sort of people. They are employed here in the Iron Works, in which they are such ingenious artificers, that their performances in the smallwares of iron and steel are admired both at home and abroad. 'Tis much improved of late years, both in public and private buildings."

Birmingham in 1781.—Hutton published his "History of Birmingham" this year. He estimated that there were then living ninety-four townsmen who were each worth over £5,000; eighty worth over £10,000; seventeen worth over £20,000; eight worth over £30,000; seven worth over

£50,000; and three at least worth over £100,000 each.

Birmingham in 1812.—The appearance of the town then would be strange indeed to those who know but the Birmingham of to-day. Many half-timbered houses remained in the Bull Ring and cows grazed near where the Town Hall now stands, there being a farmhouse at the back of the site of Christ Church, then being built. Recruiting parties paraded the streets with life and drum almost daily, and when the London mail came in with news of some victory in Spain it was no uncommon thing for the workmen to take the horses out and drag the coach up the Bull Ring amid the cheers of the crowd. At night the streets were patrolled by watchmen, with rattles and lanterns, who called the hours and the weather.

A B House, so called from the initials inscribed thereon to show the division of the parishes of Aston and Birmingham near to Deritend Bridge. Early in 1883 part of the foundations were uncovered, showing that the old building was raised on wooden piles, when the neighbourhood was little better than a swamp.

ABC Time Table was first issued in July, 1853. A rival, called the "X Y Z Time Table," on a system that was to make all the puzzles of Bradshaw as plain as pikestaves, was brought out in August, 1877, but it required such extra wise heads to understand its simplicity that before one could be found the whole thing was lost, the old Alpha being preferred to the new Omega.

Accidents and Accidental Deaths are of constant occurrence. Those here noted are but a few which, from their peculiar nature, have been placed on record for reference.

A woman fell in Pudding Brook, June 3, 1794, and was drowned in the puddle.

In 1789, a Mr. Wright, a patten-

maker, of Digbeth, attempted to cross the old bridge over the Rea, fell in and was "smothered in the mud."

The Bridge in Wheeley's Road was burst up by flood waters, November 26, 1853.

Five men were killed by the fall of a scaffold in New Street Station, Oct. 11, 1862.

A lady was accidentally shot in Cheapside, Nov. 5, 1866.

Pratt, a marker at Bournebrook Rifle Range, was shot April 12, 1873.

The body of a man named Thomas Bishop who had fallen in a midden in Oxford Street, was found Oct. 3, 1873.

Charles Henry Porter, surgeon, Aug. 10, 1876, died from an overdose of prussic acid taken as a remedy.

Richard Riley was killed by the bursting of a sodawater bottle, June 19, 1877.

Alfred Mills drowned in a vinegar vat at the Brewery in Glover Street, March 7, 1878.

Two gentlemen (Messrs. W. Arnold and G. Barker), while on a visit of inspection at Sandwell Park Colliery, Nov. 6, 1878, were killed by falling from the cage. Two miners, father and

son, were killed by a fall of coal in the following week.

A water main, 30 inches diameter, burst in Wheeler Street, June 17, 1879.

On the night of Sep. 5, 1880, Mrs. Kingham, landlady of the "Hen and Chickens," fell through a doorway on the third storey landing into the yard, dying a few hours after. The doorway was originally intended to lead to a gallery of the Aquarium then proposed to be built at the back of the hotel.

January 12th, 1881.—A helper in the menagerie at Sanger's Exhibition, then at Bingley Hall, was attacked and seriously injured by a lion, whose den he was cleaning out. The animal was beaten off by the keeper, the said keeper, Alicamoosa (?) himself being attacked and injured a few days after by the same animal.

A child of 17 months fell on to a sewer grating in River Street, May 28th, 1881, and died from the effects of hot steam arising therefrom, neighbouring manufacturers pouring their waste boiler water into the sewers.

Accidental Deaths by Drowning.—Five persons were drowned at Scho Pool, on Christmas Day, 1822, through the ice breaking under them.

In 1872, John Jerromes lost his life while trying to save a boy who had fallen into Fazeley Street Canal. £200 subscriptions were raised for his wife and family.

A boat upset at the Reservoir, April 11, 1873, when one life was lost.

Boat upset at Kirby's Pools, whereby one Lawrence Joyce was drowned, May 17, 1875. Two men were also drowned here July 23, 1876.

Three boys, and a young man named Hodgetts, who attempted to save them, were drowned, Jan 16, 1876, at Green's Hole Pool, Garrison Lane, through breaking of the ice.

Arthur, 3rd son of Sir C. B. Adderley, was drowned near Blair Athol, July 1, 1877, aged 21.

Four boys were drowned at the Reservoir, July 26, 1877.

Two children were drowned in the

Rea at Jakeman's Fields, May 30, 1878.

Rev. S. Fiddian, a Wesleyan Minister, of this town, aged nearly 80, was drowned while bathing at Barmouth, Aug. 4, 1880.

A Mrs. Satchwell was drowned at Earlswood, Feb. 3, 1883, though a carrier's cart falling over the embankment into the Reservoir in the dusk of the evening. The horse shared the fate of the lady, but the driver escaped.

Accidental Death from Electricity.—Jan. 20, 1880, a musician, named Augustus Biedermann, took hold of two joints of the wires supplying the electric lights of the Holte Theatre, and receiving nearly the full force of the 40-horse power battery, was killed on the spot.

Accidents from Fallen Buildings.—A house in Snow Hill fell Sept. 1, 1801, when four persons were killed.

During the raising of the roof of Town Hall, John Heap was killed by the fall of a principal (Jan. 26, 1833), and Wm. Badger, injured same time, died a few weeks after. Memorial stone in St. Philip's Churchyard.

Welch's pishop, Temple Street, fell in, March 5, 1874.

Two houses fell in Great Lister Street, Aug. 18, 1874, and one in Lower Windsor Street, Jan. 13, 1875.

Three houses collapsed in New Summer Street, April 4, 1875, when one person was killed, and nine others injured.

Four houses fell in Tanter Street, Jan. 1, 1877, when a boy was lamed.

Two men were killed, and several injured, by chimney blown down at Deykin & Sons, Jennens Row, Jan. 30, 1877, and one man was killed by wall blown down in Harborne Road, Feb. 20, same year.

Some children playing about a row of condemned cottages, Court 2, Gem Street, Jan. 11, 1885, contrived to pull part on to their heads, killing one, and injuring others.

Accidents from Fire.--February, 1875, was an unfortunate month for the females, an old woman being burnt to death on the 5th, a middle-aged one on the 7th, and a young one on the 12th

Accidents through Lightning.--A boy was struck dead at Bordesley Green, July 30, 1871. Two men, William Harvey and James Steadman, were similarly killed at Chester Street Wharf, May 14, 1879. Harvey was followed to the grave by a procession of white-smocked navvies.

Accidents at Places of Amusement.--A sudden panic and alarm of the caused several deaths and many injuries at the Spread Eagle Concert Hall, Bull Ring, May 5, 1855.

The "Female Blondin" was killed by falling from the high rope, at Aston Park, July 20, 1863.

A trapeze gymnast, "Fritz," was killed at Day's Concert Hall, Nov. 12, 1870.

A boy was killed by falling from the Gallery at the Theatre Royal, Feb. 16, 1873.

At Holder's Concert Hall, April 1, 1879, Alfred Bishop (12) had his leg broken while doing the "Shooting Star" trick.

Accidents in the Streets.--On New Year's Day, 1745, a man was killed by a wagon going over him, owing to the "steepness" of Carr's Lane.

The Shrewsbury coach was upset at Hockley, May 24, 1780, when several passengers were injured.

The Chester mail coach was upset, April 15, 1787, while rounding the Welsh Cross, and several persons much injured.

Feb. 28, 1875, must be noted as the "slippery day," no less than forty persons (twelve with broken limbs), being taken to the Hospitals through falling in the icy streets.

Captain Thornton was killed by being thrown from his carriage, May 22, 1876.

The Coroner's van was upset in Livery Street, Jan. 24, 1881, and several jurymen injured.

Accidents on the Rails.--An accident occurred to the Birmingham express train at Shipton, on Christmas Eve, 1874, whereby 26 persons were killed, and 180 injured. In the excitement at Snow Hill Station, a young woman was pushed under a train and lost both her legs, though her life was saved, and she now has artificial lower limbs.

Police-officer Kimberley was killed in the crush at Olton Station on the Race Day, Feb. 11th, 1875.

While getting out of carriages, while the train was in motion, a man was killed at New Street Station, May 15, 1875, and on the 18th, another at Snow Hill, and though such accidents occur almost weekly, on some line or other, people keep on doing it.

Three men were killed on the line near King's Norton, Sept. 28, 1876.

Mr. Pipkins, Stationmaster at Winslow Green, was killed Jan. 2, 1877.

Inspector Bellamy, for 30 years at New Street Station, fell while crossing a carriage, and was killed, April 15, 1879.

Acock's Green, a few years back only a little village, is fast becoming a thriving suburban town. The old estate, of about 150 acres, was lotted out for building in 1839, the sale being then conducted by Messrs. E. and C. Robbins, August 19. The Public Hall, which cost about £3,000, was opened December 20, 1878; its principal room being 74 feet long, 30 feet wide, and 30 feet high.

Adderley.--Sir Charles B. Adderley was gazetted a peer April 16, 1878, his title being Baron Norton, of Norton-on-the-Moors, Staffordshire.

Adderley Park was opened Aug. 30, 1856. Its area is 104. 0r. 22p., and the Corporation hold it as tenants under a 999 years' lease, at 5s. rental. A Reading Room and Branch Library was opened on Jan. 11, 1864.

Advertisements.—The duty on advertisements in newspapers was abolished Aug. 4, 1853. One of the most attractive styles of advertising was that adopted by Messrs. Walter Showell and Son, August 30, 1881, when *The Birmingham Daily Post* gave up a whole page for the firm's use. 10,000 copies were sent to their customers by early post on day of publication.

Afghan War.—A stormy "town's meeting" on this subject was held in the Town Hall, Dec. 3, 1878, memorable for the interference of the police by order of the Mayor, and the proceedings consequent thereon.

Agricultural Labourers.—Jos. Arch, their champion, addressed a meeting in their behalf at Town Hall, Dec. 18, 1873, and other meetings were held April 15 and July 3 following. A collection made for some of the labourers on strike amounted to £137 9s. 2½d.

Agricultural Shows.—The Warwickshire Agricultural Show (with the Birmingham Horse Show, and the Rose Show) began at Aston, June 17, 1873. The first exhibition here of the Royal Agricultural Society took place July 19-24, 1876, in Aston Park, specially granted by the Corporation. — See *Cattle Shows, &c.*

Albion Metal, tin rolled on lead, much used for making "lace," &c., for collar decoration, was introduced in 1804, being the invention of Thomas Dobbs, a comic actor, then engaged at the Theatre Royal. He was also the designer of a reaping machine, and made one and showed it with real corn for his "Benefit" on the stage of the Theatre Royal in 1815.

Alcester Turnpike road was first used in 1767.

Aldermen.—See *Corporation*.

Ales and Alehouses were known in this country nearly 1,200 years ago, but the national beverage was not taxed until 1551, a few years previous to

which (1535) hops were first used in place of wormwood, &c. In 1603 it was enacted that not more than 1d. (equal to 9d. value now) should be charged per quart for the best ale or beer, or for two quarts of the "smaller" sort. An additional excise duty was imposed on ale and beer in 1643. See also *Breweries*.

Almanacks.—The first English-printed Almanack was for the year 1497, and the London Stationers' Company had the monopoly of printing them for nearly 300 years. The first locally printed Almanack was the "Diaria Britannica" (or "British Diary"), by Messrs. Pearson and Rolleston, issued in 1787 for 1788, at 9d. per copy, in addition to the 1s. 6d. required for stamp duty. It was barely half the size and not a tenth the value of the "Diary" published by Messrs. Walter Showell and Sons, and of which 20,000 copies are given away annually. The stamp duty was removed from Almanacks in 1834. "Showell's Almanack" in past years was highly esteemed before we had been supplied with "Moody's," the "Red Book," &c., and a copy of it for the year 1839 is valuable as a curiosity, it being issued with a partly printed page with blanks left for the insertion of the names of the members of the Corporation, whose first election under the charter of incorporation was about to take place. To prevent any mistake, the "Esqrs." were carefully printed in where the names of the new Aldermen were to go, the blanks for Councillors being only honoured with a "Mr."

Almshouses for Lench's Trust were built in Steelhouse Lane in 1764. In later years others of houses have been built in Conybere Street, Hospital Street, Ravenhurst Street, and Ladywood Road, the inmates, all women, numbering 132. Jas. Dowell's Almshouses in Warner Street, consisting of 20 houses and a chapel, known as the "Retreat," were built in 1820. Mrs. Glover's Almshouses in Steelhouse Lane

for 36 aged women, were erected in 1832. James Lloyd's twenty-four almshouses in Belgrave Street were erected in 1869.

Aluminium.—This valuable material for the use of one of our staple trades was first obtained by a German chemist in 1837, but was not produced in sufficient quantity for manufacturing purposes until 1854, at which time its market value was 60s. per oz. It gradually cheapened, until it is now priced at 5s., and a company has lately been formed for its more easy manufacture, who promise to supply it at about as many pence.

Amphitheatres.—Astley's celebrated amphitheatre was brought here in October, 1787. Mr. and Mrs. Astley themselves had performed in Birmingham as early as 1772.—A local amphitheatre was opened in Livery Street in 1787, on the present site of Messrs. Billing's printing works. After the riots of 1791 it was used for a time by the congregations of Old and New Meeting, while their own chapels were being rebuilt. An attempt to bring it back to its old uses failed, and "the properties" were sold Nov. 25, 1795. Several sects occupied it in after years, the last being the Latter-Day Saints. It was taken down in 1848.—Another amphitheatre was opened at Bingley Hall, December 29, 1853, by the plucky but unlucky John Tonks, a well-known caterer for the public's amusement.

Amusement, Places of—Notes of the Theatres, Concert Halls, Parks, &c., will be found under the several headings. Among the most popular series of concerts of late years have been those of a Saturday evening (at 3d. admission) in the Town Hall, which began on Nov. 8, 1879, and are continued to present date.

Analyst.—Dr. Hill was appointed Borough Analyst in Feb., 1861, his duties being to examine and test any sample of food or drinks that may be brought or sent to him in order to

prove their purity or otherwise. The fees are limited to a scale approved by the Town Council.

Ancient History of Birmingham can hardly be said to exist. Its rise and progress is essentially modern, and the few notes that have come to us respecting its early history will be found briefly summarised at the commencement of this book.

Anti-Borough-Rate Meeting.—In 1874 the Town Council asked for power to lay a Borough-rate exceeding 2s. in the £., but after three days' polling (ending March 30) permission was refused by a majority of 2,654 votes. The power was obtained afterwards.

Anti - Church - Rate Meetings were frequent enough at one period of our history. The two most worthy of remembrance were those of Dec. 15, 1831, when the rate was refused by a majority of 1,966 votes, and Oct., 1841, when the polling showed 626 for the rate and 7,281 against.

Anti-Corn-Law Meetings were also numerous. The one to recollect is that held Feb. 18, 1842.

Anti-Papal Demonstration.—A town's meeting took place in the Town Hall, Dec. 11, 1850, to protest against the assumption of ecclesiastical titles by the Catholic hierarchy. About 8,000 persons were present, and the "No Popery" element was strong, but Joseph Sturge moved an amendment for freedom to all parties, which so split the votes that the Mayor said the amendment was not carried and the resolution was lost.

Anti-Slavery.—The first Anti-Slavery meeting held here was that of Nov. 27, 1787. A local petition to Parliament against the slave trade was presented to the House of Commons, Feb. 11, 1788. A local society was formed here in 1826, Joseph Sturge being secretary, and many meetings were held before the Day of Abolition

was celebrated. The most noteworthy of these was that at Dee's Assembly Room, April 16, 1833, when G. F. Muntz and the Political Union opposed the agitation; a great meeting, Oct. 14, 1835; another on Feb. 1, 1836, in which Daniel O'Connell and John Angell James took part. This last was the first large town's meeting at which the "total and immediate" abolition of slavery was demanded. Joseph Sturge following it up by going to the West Indies and reporting the hardships inflicted upon the blacks under the "gradual" system then in operation. Aug. 7, 1838, the day when slavery dropped its chains on English ground, was celebrated here by a children's festival in the Town Hall, by laying the foundation-stone of "The Negro Emancipation Schools," Legge Street, and by a public meeting at night, at which Sir Eardley Wilmott, D. O'Connell, Dr. Lushington, Edward Baines, &c., were present.

Anti-one-thing-or-t'other.—True to their motto, Birmingham people are always ready to oppose the wrong and forward the right, but what is right and what wrong is only to be ascertained by public discussion, and a few dates of celebrated "talks" are here given:—

In 1719 the apprenticing of Russian youths to local trades was objected to.

In the Christmas week of 1754 public protest was made against the tax on wheel carriages.

March 12, 1824, a deputation was sent to Parliament to protest against our workmen being allowed to emigrate, for fear they should teach the foreigners.

A proposed New Improvement Bill was vetoed by the burgesses, Dec. 18, 1855. We have improved a little since then!

An Anti-Confessional meeting was held Nov. 8, 1877.

An Anti-Contagious Diseases Act meeting, April 19, 1877.

An Anti-giving-up-Fugitive-Slave

meeting, Jan. 1, 1876, when a certain Admiralty Circular was condemned.

An Anti-Irish-Church-Establishment meeting was held June 14, 1869.

An Anti-moving-the-Cattle Market meeting Dec. 14, 1869, Smithfield being preferred to Duddleston Hall.

An Anti-Railway-through-Sutton-Park meeting, April 15, 1872, but the railway is there.

An Anti-Rotten-Ship-and-Sailor-drowning meeting, with Mr. Plimsoll to the fore, May 14 1873. Another July 29, 1875.

An Anti-Ashantee War meeting, Sept. 29, 1873.

An Anti-Turkish Atrocity meeting, Sept. 7, 1876; followed by one on Oct. 2nd, properly settling the Eastern question.

An Anti-Six-Million-War-Vote meeting was held on Jan. 28, 1878, when the Liberal majority was immense. A Tory opposition meeting, in support of the vote, was held Feb. 12, when chairs and forms were broken up to use as arguments, the result being a majority of 2 to 1 for both sides.

An Anti-War meeting, May 3, 1878.

Anti-Vivisection meetings. April 24, 1877, and May 6, 1878.

Apollo, Moseley Street.—Opened as a public resort in 1786, the Rea being then a clear running brook. The first tenant did not prosper, for in the first week of March, 1787, the *Gazette* contained an advertisement that the Apollo Hotel, "pleasantly situate in a new street, called Moseley Street, in the hamlet of Deritend, on the banks of the River Rea," with "a spacious Bowling Green and Gardens," was to be let, with or without four acres of good pasture land. When closed as a licensed house, it was at first divided into two residences, but in 1816 the division walls, &c., were removed, to fit it as a residence for Mr. Hamper, the antiquary. That gentleman wrote that the prospect at the back was delightful, and was bounded only by Bromsgrove Lickey. The building was then called "Deritend House."

Aquariums.—The Aquarium at Aston Lower Grounds was opened July 10, 1879. The principal room has a length of 312 feet, the promenade being 24 feet wide by 20 feet high. The west side of this spacious apartment is fitted with a number of large show tanks, where many rare and choice specimens of marine animals and fishes may be exhibited. On a smaller scale there is an Aquarium at the "Crystal Palace" Garden, at Sutton Coldfield, and a curiosity in the shape of an "Aquarium Bar" may be seen at the establishment of Mr. Bailey, in Moor Street.

Arcades.—The Arcade between Monmouth Street and Temple Row, was commenced April 26, 1875; first illuminated August 19, 1876, and opened for public use on 28th of that month. It is built over that portion of the G.W.R. line running from Monmouth Street to Temple Row, the front facing the Great Western Hotel, occupying the site once filled by the old Quaker's burial ground. It is the property of a company, and cost nearly £100,000, the architect being Mr. W. H. Ward. The shops number 38, and in addition there are 56 offices in the galleries.—The *Central Arcade* in Corporation Street, near to New Street, and leading into Cannon Street, is from the designs of the same architect and was opened September 26, 1881. Underneath the Arcade proper is the Central Restaurant, and one side of the thoroughfare forms part of the shop of Messrs. Marris and Norton.—The *North-Western Arcade*, which was opened April 5, 1884, is like a continuation of the first-named, being also built over the G.W.R. tunnel, and runs from Temple Row to Corporation Street. The architect is Mr. W. Jenkins, and the undertakers Messrs. Wilkinson and Riddell, who occupy the principal frontage. Several of the twenty-six shops into which the Arcade is divided have connection with places of business in Bull Street.—The *Im-*

perial Arcade, in Dale End, next to St. Peter's Church, is also a private speculation (that of Mr. Thos. Hall), and was opened at Christmas, 1883. It contains, in addition to the frontage, thirty-two shops, with the same number of offices above, while the basement forms a large room suitable for meetings, auctions, &c., it being 135ft. long, 55ft. wide and nearly 15ft. high. Two of the principal features of the Arcade are a magnificent stained window, looking towards St. Peter's, and a curious clock, said to be the second of its kind in England, life-size figures of Guy, Earl of Warwick, and his Countess, with their attendants, striking the hours and quarters on a set of musical bells, the largest of which weighs about 5 cwt.—*Snow Hill Arcade*, opposite the railway station, and leading to Slaney Street, is an improvement due to Mr. C. Ede, who has adopted the designs of Mr. J. S. Davis.—The *Hen and Chickens Arcade* has been designed by Mr. J. A. Cossins, for a company who purpose to build it, and, at the same time, enlarge the well-known New Street hotel of the same name. The portico and vestibule of the hotel will form the entrance in New Street to the Arcade, which will contain two-dozen good-sized shops, a large basement room for restaurant, &c.; the out in Worcester Street being nearly facing the Market Hall.

Area of Borough.—Birmingham covers an area of 8,400 acres, with an estimated population of 400,680 (end of 1881), thus giving an average of 47·7 persons to an acre. As a means of comparison, similar figures are given for a few other large towns:—

	Area in Population Persons		
	Acres	in 1881	to acres
Bradford	.. 7,200	203,544	28·2
Bristol	.. 4,452	217,185	48·3
Leeds	.. 21,572	326,158	15·1
Leicester	.. 3,200	134,350	42·0
Liverpool	.. 5,210	549,834	105·6
Manchester	.. 4,293	364,445	84·9
Nottingham	.. 9,960	177,964	77·9

	Area in Acres.	Population in 1881.	Persons to acre.
Newcastle ..	5,372	151,822	28·3
Salford ..	5,170	194,077	37·5
Sheffield ..	19,651	312,943	15·9
Wolverhampton	3,396	76,850	22·6

Arms of the Borough.—The Town Council, on the 6th day of August, 1867, did resolve and declare that the Arms of the Borough should be blazoned as follows: “1st and 4th *azure*, a bend lozengy *or*; 2nd and 3rd, parti per pale *or* and *gules*.—(*See cover*).

Art and Artists.—An “Academy of Arts” was organised in 1814, and an exhibition of paintings took place in Union Passage that year, but the experiment was not repeated. A School of Design, or “Society of Arts,” was started Feb. 7, 1821; Sir Robert Lawley (the first Lord Wenlock) presenting a valuable collection of casts from Grecian sculpture. The first exhibition was held in 1826, at The Panorama, an erection then standing on the site of the present building in New Street, the opening being inaugurated by a *conversazione* on September 10. In 1858, the School of Design was removed to the Midland Institute. The “Society of Artists” may be said to have commenced in 1826, when several gentlemen withdrew from the School of Design. Their number greatly increased by 1842, when they took possession of the Athenæum, in which building their exhibitions were annually held until 1858. In that year they returned to New Street, acquiring the title of “Royal” in 1864. The Art Students’ Literary Association was formed in September, 1869.

Art Gallery and School of Art.—In connection with the Central Free Library a small gallery of pictures, works of Art, &c., loaned or presented to the town, was opened to the public August 1, 1867, and from time to time was further enriched. Fortunately they were all removed previous to the disastrous fire of Jan. 11, 1879. A por-

tion of the new Reference Library is at present devoted to the same purpose, pending the completion of the handsome edifice being erected by the Gas Committee at the back of the Municipal Buildings, and of which it will form a part, extending from Congreve Street along Edmund Street to Eden Place. The whole of the upper portion of the building will be devoted to the purposes of a Museum and Art Gallery, and already there has been gathered the nucleus of what promises to be one of the finest collections in the kingdom, more particularly in respect to works of Art relating more or less to some of the principal manufactures of Birmingham. There are a large number of valuable paintings, including many good specimens of David Cox and other local artists; quite a gallery of portraits of gentlemen connected with the town, and other worthies; a choice collection of gems and precious stones of all kinds; a number of rare specimens of Japanese and Chinese cloisonné enamels; nearly a complete set of the celebrated Solio coins and medals, with many additions of a general character; many cases of ancient Roman, Greek, and Byzantine coins; more than an hundred almost priceless examples of old Italian carvings, in marble and stone, with some dozens of ancient articles of decorative furniture; reproductions of delicately-wrought articles of Persian Art work, plate belonging to the old City Companies, the Universities, and from Amsterdam and the Hague; a collection of Wedgwood and other ceramic ware, the gift of Messrs. R. and G. Tangye, with thousands of other rare, costly, and beautiful things. In connection with the Art Gallery is the “Public Picture Gallery Fund,” the founder of which was the late Mr. Clarkson Osler, who gave £3,000 towards it. From this fund, which at present amounts to about £450 per year, choice pictures are purchased as occasion offers, many others being presented by friends to the town, notably

the works of David Cox, which were given by the late Mr. Joseph Nettlefold.—The *School of Art*, which is being built in Edmund Street, close to the Art Gallery, is so intimately connected therewith that it may well be noticed with it. The ground, about 1,000 square yards, has been given by Mr. Cregoe Colmore, the cost of erection being paid out of £10,000 given by Miss Ryland, and £10,000 contributed by Messrs. Tangye. The latter firm have also given £5,000 towards the Art Gallery; Mr. Joseph Chamberlain has contributed liberally in paintings and in cash; other friends have subscribed about £8,000; Mr. Nettlefold's gift was valued at £14,090, and altogether not less than £40,000 has been presented to the town in connection with the Art Gallery, in addition to the whole cost of the School of Art.

Art Union.—The first Ballot for pictures to be chosen from the Annual Exhibition of Local Artists took place in 1835, the Rev. Hugh Hutton having the honour of originating it. The tickets were 2s. each, subscribers receiving an engraving.

Ash, John, M.D.—Born in 1723, was an eminent physician who practised in Birmingham for some years, but afterwards removed to London. He devoted much attention to the analysis of mineral waters, delivered the Harveian oration in 1790, and was president of a club which numbered among its members some of the most learned and eminent men of the time. Died in 1798.

Ashford, Mary.—Sensational trials for murder have of late years been numerous enough, indeed, though few of them have had much local interest, if we except that of the poisoner Palmer. The death of the unfortunate Mary Ashford, however, with the peculiar circumstance attending the trial of the supposed murderer, and the latter's appeal to the right then existing under an old English law of a criminal's claim

to a "Trial of Battel," invested the case with an interest which even at this date can hardly be said to have ceased. Few people can be found to give credence to the possibility of the innocence of Abraham Thornton, yet a careful perusal of a history of the world-known but last "Wager of Battel" case, as written by the late Mr. Toulmin Smith, must lead to the belief that the poor fellow was as much sinned against as sinning, local prejudices and indignant misrepresentations notwithstanding. So far from the appeal to the "Wager of Battel" being the desperate remedy of a convicted felon to escape the doom justly imposed upon him for such heinous offence as the murder of an innocent girl, it was simply the attempt of a clever attorney to remove the stigma attached to an unfortunate and much-maligned client. The dead body of Mary Ashford was found in a pit of water in Sutton Coldfield, on the 27th of May, 1817, she having been seen alive on the morning of the same day. Circumstances instantly, and most naturally, fastened suspicion of foul play upon Abraham Thornton. He was tried at Warwick, at the Autumn Assizes of the same year, and acquitted. The trial was a very remarkable one. Facts were proved with unusual clearness and precision, which put it beyond the bounds of physical possibility that he could have murdered Mary Ashford. Those facts hinged on the time shown by several different clocks, compared with the standard time kept at Birmingham. But the public feeling on the matter was intense. An engraving of the scene of the alleged murder, with a stimulating letter-press description, was published at the time, and the general sense undoubtedly was, that the perpetrator of a very foul murder had escaped his just doom. Hoping to do away with this impression, a well-known local lawyer be-thought himself of the long-forgotten "Appeal of Murder," trusting that by a second acquittal Thornton's innocence would be acknowledged by all.

Though the condition of all the parties was but humble, friends soon came forward with funds and good advice, so that within the year and a day which the law allowed, proceedings were taken in the name of William Ashford (Mary's brother, who, as next heir, according to the old law, had the sole power of pardon in such a case) for an "Appeal of Murder" against Abraham Thornton. What followed is here given in Mr. Toulmin Smith's own words:—"I have seen it stated, hot indignation colouring imagination, that here was a weak stripling nobly aroused to avenge the death of his sister, by tendering himself to do battle against the tall strong man who was charged with her murder. The facts, as they stand are truly striking enough; but this melodramatic spectacle does not form any true part of them." A writ of "Appeal of Murder" was soon issued. It bears the date of 1st October, 1817. Under that writ Thornton was again arrested by the Sheriff of Warwick. On the first day of Michaelmas Term, in the same year, William Ashford appeared in the Court of King's Bench at Westminster, as *appellant*, and Abraham Thornton, brought up on writ of *habeas corpus*, appeared as *appellee*. The charge of murder was formally made by the appellant; and time to plead to this charge was granted to the appellee until Monday, 16th November.—It must have been a strange and startling scene, on the morning of that Monday, 16th November, 1817, when Abraham Thornton stood at the bar of the Court of King's Bench in Westminster Hall; a scene which that ancient Hall had not witnessed within the memory of any living man, but which must have then roused the attention of even its drowsiest haunter. "The appellee being brought into Court and placed at the bar" (I am quoting the original dry technical record of the transaction), "and the appellant being also in court, the count [charge] was again read over to him, and he [Thornton]

was called upon to plead. He pleaded as follows:—"Not Guilty; and I am ready to defend the same by my body." And thereupon, taking his glove off, he threw it on the floor of the Court." That is to say, Ashford having "appealed" Thornton of the murder, Thornton claimed the right to maintain his own innocence by "Trial of Battel;" and so his answer to the charge was a "Wager of Battel." And now the din of fight seemed near, with the Court of King's Bench at Westminster for the arena, and the grave Judges of that Court for the umpires. But the case was destined to add but another illustration to what Cicero tells us of how, oftentimes, arms yield to argument, and the swordsman's looked-for laurel vanishes before the pleader's tongue. William Ashford, of course, acting under the advice of those who really promoted the appeal, declined to accept Thornton's wager of battel. Instead of accepting it, his counsel disputed the right of Thornton to wage his battel in this case; alleging, in a very long plea, that there were presumptions of guilt so strong as to deprive him of that right. Thornton answered this plea by another, in which all the facts that had been proved on the trial at Warwick were set forth at great length. And then the case was very elaborately argued, for three days, by two eminent and able counsel, one of whom will be well remembered by most readers as the late Chief-Justice Tindal. Tindal was Thornton's counsel. Of course I cannot go here into the argument. The result was, that, on 16th April, 1831, the full Court (Lord Ellenborough, and Justices Bayley, Abbott, and Holroyd) declared themselves *unanimously* of opinion that the appellee (Thornton) was entitled to wage his battel, no presumptions of guilt having been shown clear enough or strong enough to deprive him of that right. Upon this, Ashford, not having accepted the wager of battel, the "appeal" was stayed, and Thorn-

ton was discharged. Thus no reversal took place of the previous acquittal of Thornton by the Jury at Warwick Assizes. But that acquittal had nothing whatever to do with any "trial by battel;" for I have shown that the "wager of battel" arose out of a proceeding later than and consequent upon that acquittal, and that this "wager of battel" never reached the stage of a "trial by battel."

What became of Thornton is unknown, but he is supposed to have died in America, where he fled to escape the obloquy showered upon him by an unforgiving public. The adage that "murder will out" has frequently proved correct, but in this case it has not, and the charge against Thornton is reiterated in every account of this celebrated trial that has been published, though his innocence cannot now be doubted.

Ashted, now a populous part of the town, takes its name from Dr. Ash, whose residence was transformed into Ashted Church, the estate being laid out for building in 1788.

Assay Marks.—These consist of the initials of the maker, the Queen's head for the duty (17/- on gold, 1/6 on silver, per oz.), a letter (changed yearly) for date, an anchor for the Birmingham office mark, and the standard or value mark, which is given in figures, thus:—for gold of 22-carat fineness (in oz. of 24) a crown and 22; 18-carat, a crown and 18; 15-carat, 15.625; 12-carat, 12.5; 9-carat, 9.375. The value mark for silver of 11 oz. 10 dwts. (in lb. of 12 oz.) is the figure of Britannia; for 11 oz. 2 dwts. a lion passant. The date letter is changed in July. At present it is k. The lower standards of 15, 12, and 9-carat gold (which are not liable to duty), were authorised by an Order in Council, of December 22, 1854, since which date an immense increase has taken place in the quantity assayed in Birmingham.

Assay Office.—There are seven Assay Offices in the country, the Bir-

mingham one being established by special Act in 1773, for the convenience of silversmiths and platerworkers. A few hours per week was sufficient for the business at that time, and it was conducted at the King's Head in New Street; afterwards, in 1782, in Bull Lane, in 1800 at a house in Little Colmore Street, and from 1816 at the old Baptist Chapel in Little Cannon Street. In 1824 the Act 5, George IV., cap 52, incorporated the assay of gold, the guardians being 36 in number, from whom are chosen the wardens. On July 14, 1877, the foundation stone was laid of the New Assay Office in Newhall Street, and it was opened for business June 24, 1878.

Assizes.—Birmingham was "proclaimed" an assize town January 14, 1859, but the first assizes were held in July, 1884.

Aston.—Eight hundred years ago, Aston filled a small space in the Domesday book of history, wherein it is stated that the estate consisted of eight hides of land, and three miles of wood, worth £5, with 44 residents (one being a priest), and 1,200 acres in cultivation. The present area of Aston Manor is 943 acres, on which are built about 14,000 houses, having a population of some 60,000 persons, and a rateable value of £140,000. In the first ten years of the existence of the Local Board (1869 to 1878) £30,000 was spent on main drainage works, £10,000 in public improvements, and £53,000 in street improvements. Aston has now its Public Buildings, Free Library, &c., as well as an energetic School Board, and, though unsuccessful in its attempt in 1876 to obtain a charter of incorporation, there can be little doubt but that it will ultimately bloom forth in all the glories of a Mayor, Aldermen, and Burgesses. Aston parish, which extends in several directions into the borough of Birmingham, has an area of 13,786 acres.

Aston Almshouses were built in 1655, according to the provisions made

by Sir Thomas Holte previous to his decease.

Aston Church was probably built about the year 1170, the nave and part of chancel being added in 1231, the east end and arch of chancel in 1310, and the tower and spire in 1440. The old building, which contained an interesting collection of monuments in memory of the Holtes, the Ardens, the Erdingtons, and other county families, has been lately enlarged by the extension of the nave and aisles eastward, and widening the chancel so as to accommodate about 1,200 people, instead of 500. The whole of the monuments have been replaced in their relative positions.

Aston Cross Tavern was opened as a licensed house and tea gardens in 1775, the first landlord, Mr. Barron, dying in 1792, his widow keeping it till her death in 1817. Of late years it has been a favourite resort of all classes of athletes, though from being so closely built to it has lost much of the attraction which drew our grandfathers to its shady arbours when on country pleasure bent. The park wall extended to the corner of and along the side of Park Lane, opposite the tavern.

Aston Hall and Park.—This building was commenced by Sir Thomas Holte in April, 1618, and finished in April, 1635, Inigo Jones being accredited with the design. King Charles I., in his days of trouble, paid a short visit to the Hall, his host being punished afterwards by some of Cromwell's soldiers and the malcontents of Birmingham besieging the place in the week after Christmas, 1643. The brick wall round the park, nearly three miles long, but of which there are now few traces left, was put up by Sir Lister Holte about 1750, and tradition says it was paid for by some Staffordshire coalmasters, who, supposing that coal lay underneath, conditioned with Sir Lister that no mines should be sunk within boundary. The Hall and Park were

held by the various generations of the family till the death of the late Dowager Lady Holte. (For an accurate and interesting description of the edifice see Davidson's "Holtes of Aston.") The Act authorising the sale of the Aston estates received the royal sanction on July 10, 1817, and the sale of the furniture and effects in the Hall was commenced by Messrs. J. and C. Robins on September 22. The sale lasted nine days, there being 1,144 lots, which realised £2,150; the farming stock, &c., being sold afterwards for £1,201. The Hall and Park was put up on April 15, 1818, and was bought by Messrs. Greenway, Greaves, and Whitehead, bankers, of Warwick, the estate of 1,530 acres being let off by them in suitable lots. The herd of deer, reduced to 150 head, was sold December 21. The Hall was rented by Mr. James Watt, son of the James Watt, and for many years it was closed to the public. At his death, in 1848, the changes which had been going on all round for years began to make themselves seen in the shape of huge gaps in the old wall, houses springing up fast here and there, and a street being cut through the noble avenue of chestnut trees in 1852. By degrees, the park was reduced to 370 acres, which, with the Hall, were offered to the town in 1850 for the sum of £130,000; but the Town Council declined the bargain, though less than one-half of the Park (150 acres) was sold immediately after for more than all the money. In 1857 a "People's Park" Company was started to "Save Aston Hall" and the few acres close round it, an agreement being entered into for £35,000. Many of the 20s. shares were taken up, and Her Majesty the Queen performed the opening ceremony June 15, 1858. The speculation proved a failure, as out of about £18,000 raised one-half went in repairs, alterations, losses, &c., and it would have been lost to the town had not the Corporation bought it in February, 1864. They gave £33,000 (£7,000

being private subscriptions), and it was at last opened as a free park. September 22, 1864. The picture gallery is 136ft. long, by 18ft. wide and 16ft. high. In this and various other rooms, will be found a miscellaneous museum of curiosities, more or less rare, including stuffed birds and animals, ancient tapestry and furniture, &c.

Aston Lower Grounds, the most beautiful pleasure grounds in the Midland counties, cover 31 acres, and were originally nothing more than the kitchen and private gardens and the fishponds belonging to Aston Hall, and were purchased at the sale in 1818 by the Warwick bankers, who let them to Mr. H. G. Quilter, at the time an attempt was made to purchase the Hall and Park "by the people." Adding to its attractions year by year, Mr. Quilter remained on the ground until 1878, when a limited liability company was formed to take to the hotel and premises, building an aquarium 320 feet long by 54 feet wide, an assembly-room, 220 feet long, by 91 feet wide, and otherwise catering for the comfort of their visitors, 10,000 of whom can be now entertained and amused under shelter, in case of wet weather. Mr. Quilter's selling price was £45,000, taking £25,000 in shares, and £20,000 cash by instalments. The speculation did not appear to be very successful, and the property is now in private hands. The visitors to the Lower Grounds since 1864 have averaged 280,000 per annum.

Asylum, in Summer Lane, was opened in July 1797, by the Guardians of the Poor as an industrial residence and school for 250 children. It was dismantled and closed in 1846, though the "Beehive" carved over the door was allowed to remain on the ruins some years after.

Athenæum—For the "diffusion of Literature and Science" was established in March, 1839, but has long been merged in the Midland Institute. In

the building called the "Athenæum," top of Temple Street, some of the early exhibitions of paintings were held.

Athenic Institute, founded in 1841, was an institute of a somewhat similar character to the Athenæum, though including athletics, and existed no longer.

Athletic Clubs.—The first festival of the Birmingham Athletic Club was held in 1868. On the 1st of March, 1880, an association was organised of many of the bicycle clubs, cricket clubs, football clubs, and similar athletic bodies in the town and neighbourhood, under the name of "The Midland Counties Amateurs' Athletic Union."

Atlantic Cables.—It would have been strange if Birmingham had not had a hand in the making of these. For the cable laid in 1865, 16,000 miles of copper wire, weighing 308 tons, were turned out by Messrs. Bolton and Sons and Messrs. Wilkes and Sons. The cable itself was 2,300 (nautical) miles in length.

Baby Show.—Let Mr. Inshaw, of the "Steam Clock," have the *honour* of being recorded as the first to introduce the Yankee notion of a "baby show," which took place at his Music Hall, May 15, 1874.

Bachelors.—In 1695, bachelors over 24 had to pay a tax of 1s., if "a common person," the scale running as high as £12 10s. for a duke! Judging from the increase of the population about that time, we doubt if even a "common" bachelor paid here. The married folks had not much to laugh at though, for they had to pay duty on every child that was born. Funny time, those!

Balloons.—A Mr. Harper was the first to scale the clouds in a balloon from this town, January 4, 1785. He rose again on the 31, from the Tennis Court, in Coleshill Street, and is said to have sailed a distance of 57 miles in 80 minutes. Mr. Sadler went up from

Vauxhall, October 7th, 1811, and again on October 20th, 1823. Mr. Green rose from Newhall Hill, July 17th, 1827, and several times after.

Balsall Heath.—In some ancient deeds called "Boswell Heath." The land round Mary street, known as the Balsall Heath estate, was sold in building lots (234) in 1839, the last day's sale being August 26, and the auctioneers, Messrs. E. & C. Robins. Edwardestreet takes its name from the last owner of the estate, who, if he could now but glance over the property, would be not a little astonished at the changes which have taken place in the last forty years, for, like unto Aston, it may be said to really form but a portion of the ever-extending town of Birmingham. Balsall Heath, which is in the parish of King's Norton, has now a Local Board (with its offices in Lime Grove, Moseley Road) several Board schools, chapels, and churches, a police court, and that sure mark of advancement, a local newspaper. One thing still wanting, however, is a cemetery. Though an appropriate and convenient spot near Cannon Hill Park was chosen for the last resting-place, the ratepayers, at a meeting held July 21, 1879, decided that they could not yet afford the required outlay of some £17,000 necessary for the purpose, notwithstanding that the annual rateable value of the property in the neighbourhood is something like £70,000, and increasing by three to four thousand a year.

Banks and Bankers.—The Birmingham Branch Bank of England (drawing on the parent Bank of England), is in Bennett's Hill.

The local Branch of the National Provincial Bank of England (Lim.), Bennett's Hill, also draws on its headquarters. It commenced business here on New Year's Day 1827.

The Birmingham Banking Company (Lim.), also in Bennett's Hill, draws on the London and Westminster. It opened its doors Sept. 1, 1829, with a

nominal capital of £500,000, in £50 shares, £5 being paid up at starting. An amalgamation took place in the year 1880 with the Stourbridge and Kidderminster Bank (established in 1834) the united company having a paid-up capital of £286,000 and a reserve of £312,000.

The Birmingham and Midland Bank (Limited) opened in Union Street, August 23, 1836, removing to New Street in 1869. London agents, the Union Bank of London. Authorised capital, £2,400,000.

The Birmingham, Dudley, and District Banking Co. (Limited) was commenced in Colmore Row July 1st, 1836, as the Town and District Bank, with a capital of £500,000, in £20 shares. London agents, Barclay and Co., and Williams and Co.

The Birmingham Joint Stock Bank (Limited) opened in Temple Row West, Jan. 1st, 1862, with a capital of £3,000,000, in £100 shares, £10 paid. Agents, London Joint Stock. Has branches in New Street and Great Hampton Street.

Lloyds' Banking Co. (Limited) Colmore Row, dates from June 3rd, 1765, when it was known as Taylor and Lloyds, their first premises being in Dale End [hence the name of Bank Passage]. This old established firm has incorporated during its century of existence a score of other banks, and lately has been amalgamated with Barnetts, Hoares, and Co., of London, the present name being Lloyd, Barnett, Bosanquet, and Co. (Limited). There are sub-offices also in Great Hampton Street, Deritend, Five Ways and Aston. In this and adjoining counties, Lloyds' number about 40 branch establishments.

The Worcester City and County Banking Co. (Limited), drawing on Glynn and Co., removed from Cherry Street to their newly-built edifice in Colmore Row, June 1, 1880.

The Union Bank of Birmingham (Limited), Waterloo Street, commenced business with a nominal capital of

£1,000,000, in £20 shares, £5 paid. London agents, the City Bank. It has since been taken over by the Midland Bank.

Banks.—A popular Penny Bank was established in 1851, but came to grief in 1865, closing March 16, with assets £1,608, to pay debts £9,448. Another penny bank was opened in Granville Street, April 13, 1861, and is still carried on at the Immanuel Schools, Tennant Street, with about 5,000 depositors at the present time.

A Local Savings Bank was opened in May, 1827, and legalised in the year after, but ultimately its business was transferred to the Post Office Savings Bank, which opened its doors in Cannon Street, Dec. 1, 1863. By a Government return, it appeared that at the end of 1880 the total amount to the credit of depositors in the Post Office Savings Banks of the Kingdom stood at £30,546,306. Alter the Metropolitan counties of Middlesex, Surrey, and Kent, Warwickshire comes next with a deposit of £1,564,815, the average for the whole of the English counties being but little over £500,000.

Banks Defunct.—The old-established concern known so long as Attwood and Spooner's closed its doors March 10, 1865, with liabilities amounting to £1,007,296. The Joint Stock Bank took the business, and paid 11s. 3d. in the £.

Bank of Deposit stopped Oct. 26, 1861.

The Borough Bank, a branch of Northern and Central Bank of England, stopped Feb. 24, 1840.

The Commercial (Branch) Bank, closed July 27, 1840.

Coates, Woolley and Gordon, who occupied the premises at corner of Cherry Street and Cannon Street in 1814, was joined to Moilliet's, and by them to Lloyds.

Freer, Rotton, Lloyds and Co., of 1814, changed to Rotton, Onions and Co., then Rotton and Scholefield, next to Rotton and Son, and lastly with its

manager transferred to National Provincial.

Galton, Gulton and James, of 1814, retired in 1830.

Gibbins, Smith, and Co. failed in 1825, paying nearly 20s. in the £.

Gibbins and Lowell, opened in 1826, but was joined to Birmingham Banking Co. in 1829.

Smith, Gray, Cooper and Co., of 1815, afterwards Gibbins, Smith, and Goode, went in 1825.

Banknotes.—Notes for 5/3 were issued in 1773. 300 counterfeit £1 notes, dated 1814, were found near Heathfield House, January 16, 1858. A noted forger of these shams is said to have resided in the immediate neighbourhood about the period named on the discovered "flimsies." When Boulton and Watt were trying to get the Act passed patenting their copying-press the officials of the Bank of England opposed it for fear it should lead to forgery of their notes, and several Members of Parliament actually tried to copy banknotes as they did their letters.

Bankrupts.—In the year 1882 (according to the *Daily Post*) there were 297 bankruptcies, compositions, or liquidations in Birmingham, the total amount of debts being a little over £400,000. The dividends ranged from 2d. to 15s. in the £, one-half the whole number, however, realising under 1s. 6d. The estimated aggregate loss to creditors is put at £243,000.

Baptists.—As far back as 1655, we have record of meetings or conferences of the Baptist churches in the Midland district, their representatives assembling at Warwick on the second day of the third month, and at Moreton-in-the-Marsh, on the 26th of the fourth month in that year. Those were the Cromwellian days of religious freedom, and we are somewhat surprised that no Birmingham Baptists should be among those who gathered together at the King's Head, at Moreton, on the last named date, as we find mention

made of brethren from Warwick, Tewkesbury, Alcester, Derby, Bourton-on-the-Water, Hook Norton, Moreton-in-the-Marsh, and even of there being a community of the same persuasion at Cirencester. The conference of the Midland Counties' District Association of Baptist Churches met in this town for the first time in 1740.—For Chapels see "*Places of Worship.*"

Barr Beacon.—A trial was made on January 10, 1856, as to how far a light could be seen by the ignition of a beacon on Malvern Hills. It was said to have been seen from Snowdon in Wales (105 miles), and at other parts of the country at lesser distances, though the gazers at Worcester saw it not. The look-out at Dudley Castle (26 miles) could have passed the signal on to Barr Beacon, but it was not needed, as the Malvern light was not only seen there, but still away on at Bardon Hill, Leicester.—Many persons imagine that Barr Beacon is the highest spot in the Midland Counties, but the idea is erroneous, Turners Hill, near Lye Cross, Rowley Regis, which is 893ft. above mean sea level, being considerably higher, while the Cleve Hills reach an altitude of 1,100ft.

Barber of Birmingham, The.—The knights of the pole (or poll) have always been noted for getting into mischief, and it is not therefore so very surprising to find that in March, 1327, a royal pardon had to be granted to "Roger, the barber of Birmingham," for the part he had taken in the political disturbances of that time. Was he a Con., or a Lib., Tory or Rad.?

Baron of Birmingham.—One of the titles of Lord Ward.

Barracks.—Built in 1793, at a cost of £13,000, as a consequence of the riots of 1791.

Barring Out.—On the 26th of Nov. 1667, the scholars of the Grammar School "barred out" the Master, and then left the school for a time.

When they returned they found the worthy pedagogue had obtained admission and intended to keep his young rebels outside. Whereupon, says an old chronicler, they, being reinforced by certain of the townsmen "in vizards, and with pistols and other armes," sought to re-enter by assault, threatening to kill the Master, and showering stones and bricks through the windows. When the fun was over the Governors passed a law that any boy taking part in future "barrings-out" should be expelled from the School, but the amusement seems to have been rather popular, as an entry in the School records some ten years later show that a certain Widow Spooner was paid one shilling "for cleansinge ye Schoole at penninge out."

Baskerville (John).—This celebrated local worthy was a native of Wolverley, near Kidderminster, having been born in the year 1706. He came to this town in early life, as we find that he kept a writing school in 1726. In 1745 he built himself a residence at Easy-hill, and carried on the business of joiner afterwards adding to it that of printer and typefounder. His achievements in this line have made his name famous for ever, though it is said that he spent £600 before he could produce one letter to his own satisfaction, and some thousands before he obtained any profits from his printing trade. He was somewhat eccentric in personal matters of dress and taste, his carriage (drawn by cream-coloured horses) being a wonderful specimen of the art of japanning in the way of pictured panels, etc., while he delighted to adorn his person in the richest style of dress. The terms of his peculiar will, and his apparent renunciation of Christianity, were almost as curious as his choice of a place of sepulture. He was buried in his own grounds under a solid cone of masonry, where his remains lay until 1821, at which time the canal wharf, now at Easy Row, was being made. His body was found in a good

state of preservation, and for some short period was almost made a show of, until by the kindness of Mr. Knott the bookseller, it was taken to its present resting place in one of the vaults under Christ Church. Mr. Baskerville died January 8, 1775, his widow living till March 21, 1787, to the age of 80 years.

Baths.—Ladywell Baths were said by Hatton to be the most complete in the island, being seven in number, that for swimmers 36 yards long by 18 wide, and cost £2,000. The place is now occupied by a timber yard, the old spring being covered in, though fitted with a pump for public use. For many years a tribe of water carriers procured a living by retailing the water at a halfpenny per can. The red sand from the New Street tunnels was turned to account in filling up the old baths, much to the advantage of Mr. Turner, the lessee, and of the hauliers who turned the honest penny by turning in so near at hand.

Baths and Wash-houses.—The local movement for the establishment of public Baths first took practical shape at a meeting held Nov. 19, 1844, within a week of which date subscriptions amounting to £4,430 were received for the purpose. The Association then formed purchased a plot of land in Kent Street in June, 1846, and presented it to the Town Council in November following, though the Baths erected thereon were not opened to the public until May 12, 1851. It was at that time imagined that the working classes would be glad of the boon provided for them in the convenient wash-houses attached to the Baths proper, and the chance given them to do away with all the sloppy, steamy annoyances of washing-day at home, but the results proved otherwise, and the wash-houses turned out to be not wanted. The Woodcock Street establishment was opened August 27, 1860; Northwood Street, March 5, 1862; Sheepcote Street in 1878, and Ladywood in 1882. Turkish Baths are now

connected with the above, and there are also private speculations of the same kind in High Street, Broad Street, and the Crescent. Hardy swimmers, who prefer taking their natatory exercises in the open air, will find provision made for them at the Reservoir, at Cannon Hill Park, and also at Small Heath Park. The swimming-bath in George Street, Ballsall Heath, opened in 1846, was filled up in 1878, by order of the Local Board of Health.

Bath Street takes its name from some baths formerly in Blews Street, but which, about 1820, were turned into a malthouse.

Battle of the Alma.—A disturbance which took place at a steeplechase meeting at Aston, Monday, March 26, 1855, received this grandiloquent title.

Battles and Sieges.—It is more than probable that the British, under their gallant Queen Boadicea, fought the Romans more than once in the near vicinity of this district, and very possibly in those happy days of feudalism, which followed the invasion of the Normans, when every knight and squire surrounded himself with his armed retainers, sundry skirmishes may have taken place hereabouts, but history is silent. Even of the battle of Barnet (April 14, 1471), when the Earl of Warwick and 10,000 men were slain, we have not sufficient note to say, though it can hardly be doubted, that many Birmingham citizens went down. But still we have on record one real "Battle of Birmingham," which took place on the 3rd of April, 1643. On that day our town was attacked by Prince Rupert, with some 2,000 horse and foot; being pretty stoutly opposed, his soldiers slew a number of inhabitants, burnt nearly 80 houses, and did damage (it is said) to the extent of £30,000. It took five days for the news of this exploit to reach London. In the week following Christmas of the same year, a number of townspeople,

aided by a party of the Commonwealth soldiers, laid siege to, and captured, Aston Hall.

Bazaars.—When originated none can tell. How much good done by means of them, nobody knows. But that immense amounts have been raised for good and charitable purposes, none can deny—and then, “they are *such* fun !” “Grand Bazaars” have been held for many an institution, and by many different sects and parties, and to attempt to enumerate them would be an impossibility, but the one on behalf of the Queen’s Hospital, held in April, 1880, is noteworthy, for two reasons:—first, because the proceeds amounted to the munificent sum of £5,969; and, secondly, from the novelty of the decorations. The body of the Town Hall was arranged to represent an English street of the olden time, a baronial castle rising tower upon tower at the great gallery end, and an Elizabethan mansion in the orchestra, with a lawn in front, occupied by a military band. The sides of the Hall constituted a double row of shops, the upper storeys (reaching to the galleries) being filled with casements and balconies, from whence the doings in the street could be witnessed.

Bean Club.—The first anniversary we read of was that held July 17, 1752, at which meeting Lord Fielding gave £120 to erect an altarpiece in St. Bartholomew’s.

Beardsworth (John).—Founder of the Repository, began life as driver of a hackney coach, in which one night he drove a beautiful young lady to a ball. John went home, dressed, procured admission to the ball, danced with the lady, handed her to the coach, drove her home, and some time after married her. The lady’s cash enabled him to acquire an ample fortune, being at one time worth nearly a quarter of a million, most of which, however, was lost on the turf. The Repository was the largest establishment of the kind in the kingdom, and Beardsworth’s

house adjoining was furnished in most splendid style, one centre table (made of rich and rare American wood) costing £1,500.

Beelzebub.—Watt’s first steam engine was so christened. It was brought from Scotland, put up at Soho, and used for experimenting upon. It was replaced by “Old Bess,” the first engine constructed upon the expansive principle. This latter engine is now in the Museum of Patents, South Kensington, though Mr. Smiles says he saw it working in 1857, seventy years after it was made.

Beer.—Brewers of beer were first called upon to pay a license duty in 1784, though the sellers thereof had been taxed more or less for 250 years previously. The effect of the heavy duties then imposed was to reduce the consumption of the national and wholesome beverage, which in 1782 averaged one barrel per head of the then population per annum, down to half-a-barrel per head in 1830, its place being filled by an increased consumption of ardent spirits, which from half-a-gallon per head in 1782, rose by degrees to six-sevenths of a gallon per head by 1830. In this year, the statesmen of the day, who thought more of the well-being of the working part of the population than raising money by the taxation of their necessities, took off the 10s. per barrel on beer, in the belief that cheap and good malt liquors would be more likely to make healthy strong men than an indulgence in the drinking of spirits. Notwithstanding all the wild statements of the total abstainers to the contrary, the latest Parliamentary statistics show that the consumption of beer per head per annum averages *now* only seven-eighths of a barrel, though before even this moderate quantity reaches the consumers, the Government takes [see Inland Revenue returns, 1879, before alteration of malt-tax] no less a sum than £19,349 per year from the good people of Birming-

ham alone. Of this sum the brewers paid £9,513, the maltsters £125, beer dealers £2,245, and beer retailers £7,161.

Bells.—There was a bell foundry at Good Knave's End, in 1760, from whence several neighbouring churches were supplied with bells to summon the good knaves of the day to prayers, or to toll the bad knaves to *their* end. There was also one at Holloway Head, in 1780, but the business must have been hollow enough, for it did not go ahead, and we find no record of church bells being cast here until just a hundred years back (1782), when Messrs. Blews & Son took up the trade. Birmingham bells have, however, made some little noise in the world, and may still be heard on sea or land, near and far, in the shape of door bells, ship bells, call bells, hand bells, railway bells, sleigh bells, sheep bells, fog bells, mounted on rockbound coasts to warn the weary mariner, or silver bells, bound with coral from other coasts, to soothe the toothless babbler. These, and scores of others, are ordered here every year by thousands; but the strangest of all orders must have been that one received by a local firm some fifteen years ago from a West African prince, who desired them to send him 10,000 house bells (each $\frac{3}{4}$ lb. weight), wherewith to adorn his iron "palace." And he had them! Edgar Poe's bells are nowhere, in comparison with

Such a charm, such a chime,
Out of tune, out of time.
Oh, the jangling and the wrangling
Of ten thousand brazen throats.

Ten bells were put in St. Martin's, in 1786, the total weight being 7 tons, 6 cwt. 2 lbs.

The peal of ten bells in St. Philip's were first used August 7, 1751, the weight being 9 tons 10 cwt. 2 lbs., the tenor weighs 30 cwt.

A new peal of eight bells were put up in Aston Church, in May, 1776, the tenor weighing 21 cwt. The St. Martin's Society of Change Ringers

"opened" them, July 15, by ringing Holt's celebrated peal of 5040 grandsire triples, the performance occupying 3 hours 4 minutes.

Eight bells and a clock were mounted in the tower of Deritend Chapel, in 1776, the first peal being rung July 29.

The eight bells in Bishop Ryder's Church, which weigh 55 cwt., and cost £600, were cast in 1863, by Blews and Sons, and may be reckoned as the first full peal founded in Birmingham.

There are eight bells in Harborne Parish Church, four of them bearing date 1697, two with only the makers' name on, and two put in February, 1877, on the 24th of which month the whole peal were inaugurated by the ringing of a true peal of Stedman triples, composed by the late Thomas Thurstan, and consisting of 5,040 changes, in 2 hours and 52 minutes. The St. Martin's ringers officiated.

The six bells of Northfield Church were cast by Joseph Smith, of Edgbaston, in 1730.

St. Chad's Cathedral has eight bells, five of which were presented in 1848 as a memorial to Dr. Moore; the other three, from the foundry of W. Blews and Sons, were hung in March, 1877, the peculiar ceremony of "blessing the bells" being performed by Bishop Ullathorne on the 22nd of that month. The three cost £110. The bells at Erdington Catholic Church were first used on February 2, 1878.

Bellows to Mend.—Our townspeople bellowed a little over their losses after Prince Rupert's rueful visit, but there was one among them who knew how to "raise the wind," for we find Onions, the bellows-maker, hard at work in 1650; and his descendants keep at the same old game.

Bennett's Hill.—There was a walled-in garden (with an old brick summer-house) running up from Waterloo-street to Colmore-row as late as 1838-9.

Benefit and Benevolent Societies.—See "*Friendly Societies.*"

Bellbarn Road, or the road to Mr. Bell's barn.

Bermingham.—The Irish family of this name descended from Robert, son of Peter de Bermingham, who left here and settled in Connaught about the year 1169.

Bibles and Testaments.—In 1272 the price of a Bible, well written out, was £30 sterling, and there were few readers of it in Birmingham. The good book can now be bought for 6d., and it is to be hoped there is one in every house. The Rev. Angell James once appealed to his congregation for subscriptions towards sending a million New Testaments to China, and the Carlslaneites responded promptly with £410 8s., enough to pay for 24,624 copies—the publisher's price being 4d. each. They can be bought for a penny now.—A local Auxiliary Bible Society was commenced here May 9, 1806.

Bingley Hall.—Takes its name from Bingley House, on the site of which it is built. It was erected in 1850 by Messrs. Branson and Gwyther, at a cost of about £6,000, the proprietary shares being £100 each. In form it is nearly a square, the admeasurements being 224ft. by 212ft., giving an area of nearly one acre and a half. There are ten entrance doors, five in King Edward's Place, and five in King Alfred's Place, and the building may be easily divided into five separate compartments. The Hall will hold from 20,000 to 25,000 people, and is principally used for Exhibitions and Cattle Shows; with occasionally "monster meetings," when it is considered necessary for the welfare of the nation to save sinners or convert Conservatives.

Bird's-eye View of the town can be best obtained from the dome of the Council House, to which access may be obtained on application to the Curator. Some good views may be also obtained from some parts of Moseley Road, Cannon Hill Park, and from Bearwood Road.

Birmingham.—A horse of this name won the Doncaster St. Leger in 1830 against 27 competitors. The owner, John Beardsworth, cleared £40,000. He gave Connolly, the jockey, £2,000.

Birmingham Abroad.—Our brethren who have emigrated do not like to forget even the name of their old town, and a glance over the American and Colonial census sheet shows us that there are at least a score of other Birmingham in the world. In New Zealand there are three, and in Australia five townships so christened. Two can be found in Canada, and ten or twelve in the United States, the chief of which is Birmingham in Alabama. In 1870 this district contained only a few inhabitants, but in the following year, with a population of 700, it was incorporated, and at once took rank as a thriving city, now proudly called "The Iron City," from its numerous ironworks, furnaces, and mills. Last year the citizens numbered over 12,000, the annual output of pig-iron being about 60,000 tons, and the coal mines in the neighbourhood turning out 2,000 tons per day. The city is 240 miles from Nashville, 143 miles from Chattanooga, and 96 miles from Montgomery, all thriving places, and is a central junction of six railways. The climate is good, work plentiful, wages fair, provisions cheap, house rent not dear, churches and schools abundant, and if any of our townsmen are thinking of emigrating they may do a deal worse than go from hence to that other Brummagem, which its own "daily" says is a "City of marvellous wonder and magic growth," &c., &c.

Birmingham Begging.—Liberal to others as a rule when in distress, it is on record that once at least the inhabitants of this town were the recipients of like favours at the hands of their fellow-countrymen. In the churchwardens' books of Redenall, Norfolk, under date September 20, 1644, is an entry of 6s. paid "to

Richard Herbert, of Birmingham, where was an hundred fifty and five dwelling house burnt by Pr. Rupert."

Birmingham Borough, which is in the hundred of Hemlingford, and wholly in the county of Warwick, includes the parish of Birmingham, part of the parish of Edgbaston, and the hamlets of Deritend-and-Bordesley, and Duddeston-cum-Nechells, in the parish of Aston. The extreme length is six miles one furlong, the average breadth three miles, the circumference twenty-one miles, and the total area 8,420 acres, viz., Birmingham, 2,955; in Edgbaston, 2,512; and in Aston, 2,853. Divided into sixteen wards by an Order in Council, approved by Her Majesty, October 15, 1872. The mean level of Birmingham is reckoned as 443 feet above sea level.

Birmingham Heath.—Once an unenclosed common, and part of it may now be said to be common property, nearly 100 acres of it being covered with public buildings for the use of such as need a common home. There is not, however, anything common-place in the style of these erections for sheltering our common infirmities, as the Workhouse, Gaol, and Asylum combined have cost "the Commons" something like £350,000. The Volunteers in 1798 made use of part of the Heath as a practice and parade ground.

Birmingham Bishops.—The Rev. John Milner, a Catholic divine and eminent ecclesiastical antiquary, who was educated at Edgbaston, was appointed Bishop Apostolic in the Midland district, with the title of "Bishop of Castaballa." He died in 1826, in his 74th year.—Dr. Ullathorne was enthroned at St. Chad's, August 30th, 1848, as Bishop of the present Catholic diocese.—The Rev. P. Lee, Head Master of Free Grammar School in 1839, was chosen as the first Bishop of Manchester.—The Rev. S. Thornton, St. George's, was consecrated Bishop of Ballarat, May 1, 1875.—The Rev. Edward White Benson,

D.D., a native of this town, was nominated first Bishop of Truro, in December, 1876, and is now Archbishop of Canterbury.—The Rev. Thomas Huband Gregg resigned the vicarage of East Harborne in March, 1877, and on June 20 was consecrated at New York a Bishop of the Reformed Episcopal Church.

Birmingham (Little).—In a record of the early date of 1313 there is mention of a place called Little Birmingham (*parvam Birmingham*), as being in the hundreds of North and South Erpyngnam, Norfolk.

Birmingham in the Future.—It has been proposed that the Borough should be extended so as to include the Local Board districts of Harborne and Handsworth, Baball Heath, Moseley, King's Heath, part of King's Norton parish, the whole of Yardley and Acock's Green, part of Northfield parish, all Aston Manor, Saltley, Witton, Little Bromwich, and Erdington, covering an area of about 32,000 acres, with a present population of over half a million.

Blind Asylum.—See "*Philanthropic Institutions*."

Blondin made his first appearance at Aston Park, June 8, 1861; at the Birmingham Concert Hall, December, 1869, and March, 1870; at the Reservoir September, 1873, and September, 1878. Mrs. Powell, who was known as the "Female Blondin," was killed at a fête in Aston Park, July 20, 1863, by falling from the high rope.

Bloomsbury Institute.—Opened in 1860. The memorial stones of the lecture-hall in Bloomsbury Street were laid August 6, 1877, the £750 cost being given by Mr. David Smith. Seats 500.

Blue Coat School.—See "*Schools*."

Blues.—The United Society of True Blues was founded in 1805 by a number of old Blue Coat boys (formerly known as "The Grateful Society")

who joined in raising an annual subscription for the School.

Board Schools.—See "*School Board*."

Boatmen's Hall, erected on Worcester Wharf, by Miss Ryland, was opened March 17, 1879.

Bonded Warehouses.—Our Chamber of Commerce memorialised the Lords of the Treasury for the extension of the bonded warehouse system to this town, in December, 1858, but it was several years before permission was obtained.

Books.—The oldest known Birmingham book is a "Latin Grammar, composed in the English tongue," printed in London in 1652, for Thomas Underhill, its author having been one of the masters of our Free School.

Book Club (The).—Commenced some few years previous to 1775, at which time its meetings were held in Poet Freeth's, Leicester Arms, Bell-street. As its name implies, the club was formed for the purchase and circulation among the members of new or choice books, which were sold at the annual dinner, hence the poet's hint in one of his invitations to these meetings:—

"Due regard let the hammer be paid,
Ply the glass gloomy care to dispel;
If mellow our hearts are all made,
The books much better may sell."

In these days of cheap literature, free libraries, and halfpenny papers, such a club is not wanted.

Books on Birmingham.—Notes of Birmingham were now and then given before the days of that dear old antiquary Hutton, but *his* "History" must always take rank as the first. Morfitt's was amusing as far as it went; Bissett's was ditto and pictorial; but it remained till the present period for really reliable sketches to be given. The best are Langford's "Century of Birmingham Life," Harman's "Book of Dates," Dent's "Old and New Birmingham," Bunce's "Municipal His-

tory," and the last is "Showells' Dictionary of Birmingham."

Botanical Gardens.—See "*Horticultural Societies*."

Borough Members.—See "*Parliamentary Elections*."

Boulton (Mathew).—The son of a hardware manufacturer of the same name, was born here on September 3, 1728 (old style) and received his education principally at the academy of the Rev. Mr. Austey, Deritend. He is accredited with having at the early age of seventeen invented the inlaying of steel buckles, buttons and trinkets, which for many years were in great request. These articles at first were exported to France in large quantities, being afterwards brought from thence and sold in London as the latest Parisian fashion. In 1762 (his father having left him a considerable property) Mr. Boulton leased a quantity of the land then forming part of Birmingham Heath, where at a cost of over £10,000 he erected the famous Soho Works, and later on (in 1794) he purchased the freehold of that and a considerable tract of the adjoining land. In 1767 steam was first brought into use to supplement the power derived from the water wheels, and in 1769 he became acquainted with James Watt, with whom he afterwards went into partnership to make steam engines of all kinds, sinking £47,000 before he had any return for his money. Mr. Boulton lived to the patriarchal age of fourscore and one, leaving this life on August 7, 1809. He was buried at Handsworth, 600 workmen, besides numberless friends, following his remains; all of whom were presented with handbands and gloves and a silver medal, and regaled with a dinner, the funeral costing altogether about £2,000.—See "*Coinage*," &c.

Bourne College, erected by the Primitive Methodists and their friends, at Quinton, at a cost of nearly £10,000, was formally opened on October 240

1882. When completed there will be accommodation for 120 students.

Bowling Greens.—These seem to have been favourite places of resort with our grandfathers and great-grandfathers. The completion of one at the Union Tavern, Cherry Street, was announced March 26, 1792, but we read of another as attached to the Hen and Chickens, in High Street, as early as 1741. There is a very fine bowling-green at Aston Hall, and lovers of the old-fashioned game can be also accommodated at Cannon Hill Park, and at several suburban hotels.

Boys' Refuge is at corner of Bradford Street and Alcester Street, and the Secretary will be glad of help.

Boyton.—Captain Boyton showed his life-preserving dress, at the Reservoir, April 24, 1875.

Bracebridge.—A very ancient family, long connected with this neighbourhood, for we read of Peter de Bracebrigg who married a granddaughter of the Earl of Warwick in A.D. 1100, and through her inherited Kingsbury, an ancient residence of the Kings of Mercia. In later days the Bracebridges became more intimately connected with this town by the marriage in 1775 of Abraham Bracebridge, Esq., of Atherstone, with Mary Elizabeth, the only child and heiress of Sir Charles Holte, to whom the Aston estates ultimately reverted. Many articles connected with the Holte family have been presented to Birmingham by the descendants of this marriage.

Bradford Street takes its name from Henry Bradford, who, in 1767, advertised that he would give a freehold site to any man who would build the first house therein.

Breweries.—In the days of old nearly every publican and innkeeper was his own brewer, the fame of his house depending almost solely on the quality of the "stingo" he could pour out to his customers. The first local brewery on a large scale appears to have

been that erected in Moseley Street in 1782, which even down to late years retained its cognomen of the Birmingham Old Brewery. In 1817 another company opened a similar extensive establishment at St. Peter's Place, in Broad Street, and since then a number of enterprising individuals have at times started in the same track, but most have come grief, even in the case of those whose capital was not classed under the modern term "limited." The principal local breweries now in existence are those of Messrs. Holder, Mitchell, and Bates, in addition to the well-known Crosswells Brewery of Messrs. Walter Showell and Sons, noted in next paragraph. The principal Vinegar Brewery in Birmingham is that of Messrs. Fardon and Co. (Limited), in Glover Street, which was formed in 1860, and is well worthy of the stranger's visit. The annual output is about 850,000 gallons, there being storage for nearly a million gallons, and 36,000 casks to send the vinegar out in.

Brewery at Crosswells.—

Though by far the most extensive brewery supplying Birmingham, the Crosswells cannot claim to be more than in the infancy of its establishment at present, as only twelve years ago the many acres of ground now covered by its buildings formed but part of an unclosed piece of waste land. Nevertheless, the spot was well-known and often visited in ancient times, on account of the wonderful and miraculous cures said to have been effected by the free use of the water gushing up from the depths of the springs to be found there, and which the monks of old had christened "The Wells of the Cross." Be its medicinal qualities what they might in the days before Harry the Eighth was king, the Cross Wells water retained its name and fame for centuries after the monks were banished and the burly king who drove them out had himself turned to dust. It has always been acknowledged as one of the purest waters to be found in the kingdom; but its

peculiar and special adaptability to the brewing of "good old English cheer" was left to be discovered by the founder of the firm of Messrs. Walter Showell and Sons, who, as stated before, some twelve years back, erected the nucleus of the present extensive brewery. Starting with the sale of only a few hundred barrels per week, the call for their ales soon forced the proprietors to extend their premises in order that supply should meet demand. At first doubled, then quadrupled, the brewery is now at least ten times its original size; and a slight notion of the business carried on may be gathered from the fact that the firm's stock of barrels tots up to nearly 60,000 and is being continually increased, extensive cooperages, blacksmiths' shops, &c., being attached to the brewery, as well as malthouses, offices, and storehouses of all kinds. The head offices of the firm, which are connected by telephone with the brewery, as well as with the stores at Kingston Buildings, Crescent Wharf, are situated in Great Charles Street, and thus the Crosswells Brewery (though really at Langley Green, some half-dozen miles away as the crow flies) becomes entitled to rank as a Birmingham establishment, and certainly not one of the least, inasmuch as the weekly sale of Crosswells ales for this town alone is more than 80,000 gallons per week.

Brickkiln Lane, now called the Horse Fair, gives its own derivation.

Bright.—The Right Hon. John Bright, though not a Birmingham man, nor connected with the town by any ties of personal interest or business, has for the last quarter-century been the leading member returned to Parliament as representing the borough, and must always rank foremost among our men of note. Mr. Bright is the son of the late Jacob Bright, of Greenbank, near Rochdale, and was born November 16, 1811. He and his brother, Mr. Jacob Bright, M.P. for

Manchester, began business as partners in the affiliated firms of John Bright and Brothers, cotton spinners and manufacturers, Rochdale, and Bright and Co., carpet manufacturers, Rochdale and Manchester. At an early age Mr. Bright showed a keen interest in politics, and took part in the Reform agitation of 1831-32. In those days every householder was compelled by law to pay the Church-rates levied in his parish, whatever his religious creed might be, and it is said that Mr. Bright's first flights of oratory were delivered from a tombstone in Rochdale church-yard in indignant denunciation of a tax which to him, as a member of the Society of Friends, appeared especially odious. It was not, however, till 1839, when he joined the Anti-Corn Law League, that Mr. Bright's reputation spread beyond his own immediate neighbourhood; and there can be no doubt but that his fervid addresses, coupled with the calmer and more logical speeches of Mr. Cobden, contributed in an appreciable degree to the success of the movement. In July, 1843, he was returned as M.P. for the city of Durham, which he represented until the general election of 1847, when he was the chosen of Manchester. For ten years he was Manchester's man in everything, but the side he took in regard to the Russian war was so much at variance with the popular opinions of his constituents that they at last turned on him, burnt his effigy in the streets, and threw him out at the general election in March, 1857. At the death of Mr. G. F. Muntz, in July following, Mr. Bright was almost unanimously selected to fill his place as M.P. for this town, and for 25 years he has continued to honour Birmingham by permitting us to call him *our* member. (See *Parliamentary Elections*.) Mr. Bright has been twice married, but is now a widower, and he has twice held office in the Cabinet, first as President of the Board of Trade, and more lately as Chancellor of the Duchy of Lancaster.

Bristol Road.—Trees were first planted in this road in the spring of 1853.

Britannia Metal.—A mixed metal formed of 90 parts of tin, 2 copper, and 8 antimony, brought into use about 1790, and long a favourite with manufacturers and public alike. The introduction of electroplating did much towards its extended make at first, but latterly it has been in great measure, replaced by German silver and other alloys.

British Association for the Advancement of Science first met in this town Aug. 26, 1839. They were here again Oct. 12, 1857, and Sep. 6, 1865.

Brittle Street formerly ran from Livery Street to Snow Hill, about the spot where now the entrance gates to the Station are.

Broad Street.—150 years ago part of what is now known as Dale End was called Broad Street, the present thoroughfare of that name then being only a pathway through the fields.

Brunswick Buildings.—Erected in New Street, by Mr. Samuel Haines in 1854. A funny tale has been told about the original lease, which included a covenant that at the expiration of the term of 100 years for which it was granted, the land was to be delivered up to the Grammar School "well cropped with potatoes." In 1760 New Street was a new street indeed, for there were but a few cottages with gardens there then, and the potatoe proviso was no doubt thought a capital provision; but fancy growing that choice edible there in 1860!

Buck.—Henry Buck, P.G.M., and Sec. of the Birmingham district of the Manchester Order of Oddfellows for twenty-five years, died Jan. 22, 1876, aged 63. A granite obelisk to his memory in St. Philip's churchyard was unveiled Sep. 17, 1877.

Building Societies took early root here, as we find there were several in 1781.—See "*Friendly Societies.*"

Buckles were worn as shoe fasteners in the reign of Charles II.—See "*Trades.*"

Buttons.—Some interesting notes respecting the manufacture of buttons will be found under the head of "*Trades.*"

Bulgarian Atrocities, 1876-7.—A considerable amount of "political capital" was made out of these occurrences, but only £1,400 was subscribed here for the relief of the unfortunates; while merely £540 could be raised towards helping the thousands of poor Bosnian refugees driven from their homes by the Russians in 1878, and of this sum £200 was given by one person.

Bullbaiting was prohibited in 1773 by Order in Council, and an Act was passed in 1835, to put a stop to all baiting of bulls, badgers, and bears. At Chapel Wake, 1798, some law-defying reprobates started a bullbaiting on Snow Hill, but the Loyal Association of Volunteers turned out, and with drums beating and colours flying soon put the rebels to flight, pursuing them as far as Birmingham Heath, where the baiters got a beating, the Loyals returning home in triumph with the bull as a trophy. The last time this "sport" was indulged in in this neighbourhood appears to have been early in October, 1838, at Gib Heath, better known now as Nineveh Road.

Bull Lane was the name once given to that part of the present Colmore Row between Livery Street and Snow Hill, though it has been better known as Monmouth Street.

Bull Street.—Once called Chapel Street, as leading to the chapel of the ancient Priory; afterwards named from the old inn known as the Red Bull (No. 83).

Burial Grounds.—See "*Cemeteries.*"

Burns.—Excisemen, when Robert Burns was one of them, were wont to carry pistols, and those the poet had

were given him by one of our gun-makers, Mr. Blair. They were afterwards bought by Allan Cunningham, who gave them back to Burns' widow.—Birmingham lent its rill to the great river of homage to the genius of Burns which flowed through the length and breadth of the civilised world on the occasion of the Burns' centenary in January, 1859. The most interesting of the three or four meetings held here was one of a semi-private nature, which took place at Aston Hall, and which originated, not with Scotchmen, but with Englishmen. Some forty-five or fifty gentlemen, only some half-dozen of whom were Scotch, sat down to an excellent supper in the fine old room in which the Queen lunched the previous year. The chairman was Mr. Samuel Timmins, and the vice-chairman was Mr. Ross.

Cabs, Cars, and Carriages.—

The hackney carriages, or four-wheelers, of this town, have the credit of being superior to those used in London, though the hansoms (notwithstanding their being the inventions of one who should rank almost as a local worthy—the architect of our Town Hall) are not up to the mark. Prior to 1820 there were no regular stands for vehicles plying for hire, those in New Street, Bull Street, and Colmore Row being laid in that year, the first cabman's license being dated June 11. The first "Cabman's Rest" was opened in Ratcliffe Place, June 13, 1872, the cost (£65) being gathered by the cabman's friend, the Rev. Micah Hill, who also, in 1875, helped them to start an association for mutual assistance in cases of sickness or death. There are sixteen of these "shelters" in the town, the cabmen subscribing about £200 yearly towards expenses. As a rule, the Birmingham cabmen are a civil and obliging body of men, though now and then a little sharp practice may occur, as in the instance of the stranger who, arriving in New Street Station one evening last summer, desired to be taken to the Queen's Hotel. His luggage

being properly secured, and himself safely ensconced, Mr. Cabby-ooly took the rug from his horse's back, mounted his seat, and walked the animal through the gates back to the building the stranger had just left, depositing his fare, and as calmly holding out his hand for the customary shilling as if he had driven the full distance of a mile and a half. The fares laid down by the bye-laws as proper to be charged within the Borough, and within five miles from the statue in Stephenson Place, in the Borough, are as follows:—

By time, the driver driving at a rate not less than five miles per hour, if so required:—

	s.	d.
For every carriage constructed to carry four persons, for the first hour, or part of hour	3	0
For every additional 15 minutes, or part of 15 minutes.	0	9
For every carriage constructed to carry two persons, for the first hour, or part of hour	2	6
For every additional 15 minutes, or part of 15 minutes	0	6
Any person hiring any carriage otherwise than by time is entitled to detain the same five minutes without extra charge, but for every 15 minutes, or part thereof, over the first five minutes, the hirer must pay	0	6

By distance:—

Cabs or Cars to carry 2 persons not exceeding $1\frac{1}{2}$ miles	1	0
Per $\frac{1}{2}$ mile after	0	4
One horse vehicles to carry 4 persons, not exceeding 1 mile	1	0
For any further distance, per $\frac{1}{2}$ mile after	0	6
Cars or Carriages with 2 horses, to carry 4 persons, not exceeding 1 mile	1	9
Per $\frac{1}{2}$ mile after	0	9

Double Fares shall be allowed and paid for every fare, or so much of any fare as may be performed by any carriage after 12 o'clock at night, and before 6 in the morning.

Calthorpe Park, Pershore road, has an area of 31a. 1r. 13p., and was given to the town in 1857 by Lord Calthorpe. Though never legally conveyed to the Corporation, the Park is held under a grant from the Calthorpe family, the effect of which is equivalent

to a conveyance in fee. The Duke of Cambridge performed the opening ceremony in this our first public park.

Calthorpe Road was laid out for building in the year 1818, and the fact is worthy of note as being the commencement of our local West End.

Calico, Cotton, and Cloth.—In 1702 the printing or wearing of printed calicoes was prohibited, and more strictly so in 1721, when cloth buttons and buttonholes were also forbidden. Fifty years after, the requisites for manufacturing cotton or cotton cloth were now allowed to be exported, and in 1785 a duty was imposed on all cotton goods brought into the Kingdom. Strange as it may now appear, there was once a "cotton-spinning mill" in Birmingham. The first thread of cotton ever spun by rollers was produced in a small house near Sutton Coldfield as early as the year 1700, and in 1741 the inventor, John Wyatt, had a mill in the Upper Priory, where his machine, containing fifty rollers, was turned by two donkeys walking round an axis, like a horse in a modern clay mill. The manufacture, however, did not succeed in this town, though carried on more or less till the close of the century, Paul's machine being advertised for sale April 29, 1795. The Friends' schoolroom now covers the site of the cotton mill.

Canals—The first Act for the construction of the "cut" or canal in connection with Birmingham was passed in 1761, that to Bilston being commenced in 1767. The delivery here of the first boat-load of coals (Nov. 6, 1769) was hailed, and rightly so, as one of the greatest blessings that could be conferred on the town, the immediate effect being a reduction in the price to 6d per cwt, which in the following May came down to 4d. The cutting of the first sod towards making the Grand Junction Canal took place July 26, 1766, and it was completed in 1790. In 1768 Brindley, the celebrated

engineer, planned out the Birmingham and Wolverhampton Canal, proposing to make it 22 miles long; but he did not live to see it finished. The work was taken up by Smeaton and Telford; the latter of whom calling it "a crooked ditch" struck out a straight cut, reducing the length to 14 miles, increasing the width to 40 feet, the bridges having each a span of 52 feet. The "Summit" bridge was finished in 1879. The Fazeley Canal was completed in 1783, and so successfully was it worked that in nine years the shares were at a premium of £1170. In 1785 the Birmingham, the Fazeley, and the Grand Junction Companies took up and completed an extension to Coventry. The Birmingham and Worcester Canal was commenced in 1791, the cost being a little over £600,000, and it was opened for through traffic July 21, 1815. By an agreement of September 18, 1873, this canal was sold to the Gloucester and Berkeley Canal Co. (otherwise the Sharpness Dock Co.), and has thus lost its distinctive local name. The Birmingham and Warwick commenced in 1793; was finished in 1800. Communication with Liverpool by water was complete in 1826, the carriage of goods thereto which had previously cost £5 per ton, being reduced to 30s. For a through cut to London, a company was started in May, 1836, with a nominal capital of £3,000,000, in £100 shares, and the first cargoes were despatched in August, 1840. In April, 1840, an Act was passed to unite the Wyrley and Essington Canal Co. with the Birmingham Canal Co., leading to the extension, at a cost of over £120,000, of the canal system to the lower side of the town. There are 2,800 miles of canals in England, and about 300 miles in Ireland. The total length of what may properly be called Birmingham canals is about 130 miles, but if the branches in the "Black Country" be added thereto, it will reach to near 250 miles. The first iron boat made its appearance on canal waters July 24, 1787; the first

propelled by steam arrived here from London, September 29, 1826. The adaptation of steam power to general canal traffic, however, was not carried to any great extent, on account of the injury caused to the banks by the "wash" from the paddles and screws, though, when railways were first talked about, the possibility of an inland steam navigation was much canvassed. When the Bill for the London and Birmingham Railway was before Parliament, in 1833, some enterprising carriers started (on Midsummer-day) an opposition in the shape of a stage-boat, to run daily and do the distance, with goods and passengers, in 16 hours. The Birmingham and Liverpool Canal Company introduced steam tugs in 1843. On Saturday, November 11, they despatched 16 boats, with an aggregate load of 380 tons, to Liverpool, drawn by one small vessel of 16-horse power, other engines taking up the "train" at different parts of the voyage. Mr. Inshaw, in 1853, built a steamboat for canals with a screw on each side of the rudder. It was made to draw four boats with 40 tons of coal in each at two and a half miles per hour, and the twin screws were to negative the surge, but the iron horses of the rail soon put down, not only all such weak attempts at competition, but almost the whole canal traffic itself, so far as general merchandise and carriage of light goods and parcels was concerned. "Flyboats" for passengers at one time ran a close race with the coaches and omnibuses between here, Wolverhampton, and other places, but they are old people now who can recollect travelling in that manner in their youth.

Canal Accidents.—The banks of the Birmingham and Worcester Canal, near Wheeley's Road, gave way on May 26, 1872, causing considerable damage to the properties near at hand. A similar occurrence took place at Aston, July 20, 1875; and a third happened at Solihull Lodge Valley, October

27, 1880, when about 80 ft. of an embankment 30-ft. high collapsed.

Canal Reservoir, better known as "The Reservoir," near Monument Lane, a popular place of resort, covers an area of 62A. 1R. 5P., and is three-quarters of a mile long. Visitors and others fond of boating can be accommodated here to their heart's content.

Cannon.—The first appearance of these instruments of destruction in connection with the English army was in the time of Edward III. in his wars with the Scotch and the French, the first great battle of historical note in which they were used being that of Cressy, in 1346. The manufacture of "small arms," as they are called, has been anything but a small feature in the trade history of our past, but cannon-founding does not appear to have been much carried on, though a local newspaper of 1836 mentioned that several 250 and 300-pounder guns were sent from here in that year for the fortifications on the Dardanelles.

Cannon Hill Park covers an area of 57a. 1r. 9p., and was presented to the town by Miss Ryland, the deed of conveyance bearing date April 18th, 1873. The nearest route to this Park is by way of Pershore Road and Edgbaston Lane, omnibuses going that way every half-hour.

Caps.—The inventor of percussion caps is not known, but we read of them as being made here as early as 1816, though they were not introduced into "the service" until 1839. The manufacture of these articles has several times led to great loss of life among the workers, notes of which will be found under the head of "*Explosions.*" See also "*Trades.*"

Carlyle.—The celebrated philosopher, Thomas Carlyle, resided here for a short time in 1824; and his notes about Birmingham cannot but be worth preserving. Writing to his brother John under date Aug. 10, he says:—

"Birmingham I have now tried for a reasonable time, and I cannot complain of being

tired of it. As a town it is pitiful enough—a mean congeries of bricks, including one or two large capitalists, some hundreds of minor ones, and, perhaps, a hundred and twenty thousand sooty artisans in metals and chemical produce. The streets are ill-built, ill-paved, always flimsy in their aspect—often poor, sometimes miserable. Not above one or two of them are paved with flagstones at the sides; and to walk upon the little egg-shaped, slippery flints that supply their places is something like a penance. Yet withal it is interesting for some of the commonest or lanes that spot and intersect the green, woody, undulating environs to view this city of Tubal Cain. Torrents of thick smoke, with ever and anon a burst of dingy flame, are issuing from a thousand funnels. 'A thousand hammers fall by turns.' You hear the clank of innumerable steam engines, the rumbling of cars and vans, and the hum of men interrupted by the sharper rattle of some canal boat loading or disloading, or, perhaps, some fierce explosion when the cannon foundries [q: the proof-house] are proving their new-made ware. I have seen their rolling-mills, their polishing of teapots, and buttons and gun-barrels, and fire-shovels, and swords, and all manner of toys and tackle. I have looked into their ironworks where 150,000 men are smelting the metal in a district a few miles to the north: their coal mines, fit image of Avernus; their tubes and vats, as large as country churches, full of coppers and aqua fortis and oil of vitriol; and the whole is not without its attractions, as well as repulsions, of which, when we meet, I will preach to you at large.'

Carr's Lane.—Originally this is believed to have been known as "Goddess Cart Lane," and was sufficiently steep to be dangerous, as evidenced by accidents noted in past history.

Carr's Lane Chapel, the meeting house of the old Independents, or as they are now called, the Congregationalists, will be noticed under "*Places of Worship*."

Cartoons.—If some of our forefathers could but glance at the illustrations or the portrait caricatures of local public men and their doings, now given us almost daily, we fear they would not credit us moderns with much advancement in the way of political politeness, however forward we may be in other respects. Many really good cartoons *have* appeared, and neither side can be said to hold a monopoly of such sketchy skilfulness, but one of the best

(because most truthful) was the cartoon issued in October 1868, giving the portrait of a "Vote-as-you're-told" elector, led by the nose by his *Daily Post*.

Castle.—Birmingham Castle is named in an ancient document as being situated a 'bow-shot southwestward of the church,' but the exact site thereof has never been traced. It is supposed to have been erected about the year 1140, and to have been demolished by order of King Stephen, in 1176.

Castle Street takes its name from the hostelry once so famous among our coach officers.

Catacombs.—There is a large number of massively-built stone vaults underneath Christ Church, each divided into tiers of catacombs, or receptacles for the dead. It is in one of these that the remains of Baskerville at last found a resting place.—The catacombs at the General Cemetery are many, being cut out of the sandstone rock known as Key Hill, and a large number have been and can be excavated underneath the church in the Warstone Lane Cemetery.

Cathedral.—See "*Places of Worship—Catholic*."

Cat Shows.—The first Cat Show held here was opened November 29th, 1873, and was a very successful speculation; but the exhibitions of the two following years did not pay and since then the grimalkins have been left at home.

Cattle Show.—As first started (in 1849, when it was held near Kent Street), and at Bingley Hall in the following year, this was an annual show of cattle, sheep, and pigs only, but after years has made it a gathering place for specimens, of nearly everything required on a farm, and the "Show" has become an "*Exhibition*," under which heading full notice will be found.

Cemeteries.—The burial grounds attached to the Churches were formerly

the only places of interment save for suicides and murderers—the former of whom were buried at some cross-road, with a stake driven through the body, while the latter were frequently hung in chains and got no burial at all. In 1807 the first addendum to our churchyards was made by the purchase of 13,192 square yards of land in Park Street, which cost £1,600. Having been laid out and enclosed with substantial railed walls at a further outlay of £764, the ground was duly consecrated July 16, 1813, and for some years was the chief receptacle for decaying humanity of all classes, many thousands of whom were there deposited. By degrees the ground came to be looked upon as only fit for the poorest of the poor, until, after being divided by the railway, this “God’s Acre” was cared for by none, and was well called the “black spot” of the town. Since the passing of the Closed Burial Grounds Bill (March 18, 1878) the Corporations have taken possession, and at considerable expense have re-walled the enclosure and laid it out as a place of health resort for the children of the neighbourhood. The burial grounds of St. Bartholomew’s, St. Martin’s, St. Mary’s, and St. George’s have also been carefully and tastefully improved in appearance, and we can now venture to look at most of our churchyards without shame.

The General Cemetery at Key Hill was originated at a meeting held Oct. 18, 1832, when a proprietary Company was formed, and a capital fixed at £12,000, in shares of £10 each. The total area of the property is about twelve acres, eight of which are laid out for general burials, in addition to the catacombs cut into the sandstone rock.

The Church of England Cemetery in Warstone Lane is also the property of a private Company, having a capital of £20,000 in £10 shares. The area is nearly fifteen acres, the whole of which was consecrated as a burial ground for the Church on August 20, 1848.

The Catholic Cemetery of St. Joseph, at Nechell’s Green, received its first consignment in 1850.

The introduction and extension of railways have played sad havoc with a number of the old burial grounds belonging to our forefathers. As mentioned above the London and North Western took a slice out of Park Street Cemetery. The Great Western cleared the Quakers’ burial ground in Monmouth Street (where the Arcade now stands) the remains of the departed Friends being removed to their chapel yard in Bull Street, and a curious tale has been told in connection therewith. It is said that the representative of the Society of Friends was a proper man of business, as, indeed, most of them are, and that he drove rather a hard bargain with the railway directors, who at last were obliged to give in to what they considered to be an exorbitant demand for such a small bit of freehold. The agreement was made and the contract signed, and Friend Broadbrim went on his way rejoicing; but not for long. In selling the land he apparently forgot that the land contained bones, for when the question of removing the dead was mooted, the Quaker found he had to pay back a goodly portion of the purchase money before he obtained permission to do so. In clearing the old streets away to make room for New Street Station, in 1846, the London and North Western found a small Jewish Cemetery in what was then known as the “Froggery,” but which had long been disused. The descendants of Israel carefully gathered the bones and re-interred them in their later-dated cemetery in Granville Street, but even here they did not find their last resting-place, for when, a few years back, the Midland made the West Suburban line, it became necessary to clear out this ground also, and the much-disturbed remains of the poor Hebrews were removed to Witton. The third and last of the Jewish Cemeteries, that in Betholom Row, which was first used in or

about 1825, and has long been full, is also doomed to make way for the extension of the same line.—During the year 1883 the time-honoured old Meeting-house yard, where Poet Freeth, and many another local worthy, were laid to rest, has been carted off—dust and ashes, tombs and tombstones—to the great graveyard at Witton, where Christian and Infidel, Jew and Gentile, it is to be hoped, will be left at peace till the end of the world.

In 1860, the Corporation purchased 105 acres of land at Witton for the Borough Cemetery. The foundation stones of two chapels were laid August 12, 1861, and the Cemetery was opened May 27, 1863, the total cost being nearly £40,000. Of the 105 acres, 53 are consecrated to the use of the Church of England, 35 laid out for Dissenters, and 14 set aside for Catholics and Jews.

Census.—The numbering of the people by a regular and systematic plan once in every ten years, only came into operation in 1801, and the most interesting returns, as connected with this town and its immediate neighbourhood, will be found under the heading of "*Population.*"

Centre of Birmingham—As defined by the authorities for the settlement of any question of distance, Attwood's statue at the top of Stephen-on Place, in New Street, is reckoned as the central spot of the borough. In olden days, Nelson's monument, and prior to that, the Old Cross, in the Bull Ring, was taken as the centre. As an absolute matter of fact, so far as the irregular shape of the borough area will allow of such a measurement being made, the central spot is covered by Messrs. Marris and Norton's warehouse in Corporation Street.

Centenarians.—John Harman, better known as Bishop Vesey, died in 1555, in his 103rd year. James Sands, who died at Harborne in 1625, was said to have been 140 years old, and his wife lived to be 120. Joseph Stan-

ley, of Aston, died in May, 1761, in his 106th year. Wesley, under date of March 19, 1768, wrote of having seen George Bridgens, then in his 107th year; Hutton, in noticing the long life of Bridgens, also mentions one John Pitt who lived to be 100, a Mrs. Moore who reached 104, and an old market man who completed his 107th year. A Mr. Clarkson died here, in February, 1733, aged 112. William Jennens, the Jennens of untold, but much coveted, wealth, died in June, 1798, aged 103. John Roberts, of Digbeth, had a family of twenty-eight children, six by his third wife, whom he married when nearly eighty, and lived to see his 103rd year, in 1792, dying July 6. Thomas Taylor, a cobbler, stuck to his last until a week of his death, July 8, 1796, at 103. T. Blakemore died November 12, 1837, aged 105. Mrs. E. Bailey, founder of the Female Charity School, was also 105 at her death, December 2, 1854. Another old lady was Elizabeth Taylor, who died at Sparkbrook, March 5, 1864, aged 104 years. Mary Hemming, of Moseley Wake Green, died December 5, 1881, in her 104th year.

Centenary Celebrations, more or less worthy of note, are continuously recurring, and the date of some few are here preserved. Our loyal grandfathers honoured the hundredth anniversary of the Revolution of 1688, by a public dinner, November 4, 1788. Old Blue-coat boys in like manner kept the centenary of their school, August 24, 1824. Admirers of the Philosopher Priestley chose All Fools' Day, 1831, as the fitting day to celebrate the anniversary of his birth. The Centenary of the Protestant Dissenting Charity Schools was worthily celebrated by the raising of a special sum amounting to £1,305, as an addition to the funds. In January, 1859, Robert Burns' anniversary was remembered by the holding a supper in Aston Hall, at which only half-a-dozen Scotchmen were present out of half-a-hundred guests. The Dissenting Ministers of this and the neighbouring coun-

ties, who, for a hundred years, have met together once a month, celebrated the event by a quiet luncheon-dinner, December 13, 1882. The Tercentenary of the Free Grammar School was celebrated with learned speeches April 16, 1852; that of Good Queen Bess, by a public prayer meeting, November 16, 1858; and that of Shakespeare, April 23, 1864, by the founding of a Shakespeare Memorial Library. The thousandth anniversary of Alfred the Great, October 29, 1849, was made much of by the Political Knowledge Association, which had not been in existence a thousand days. The fact of John Bright being M.P. for Birmingham for a quarter of a century, was celebrated in June, 1883, by the Liberal Association, who got up a "monster" procession in imitation of the celebrated Attwood procession of the old days of Reform. The holiday was most thoroughly enjoyed by the public generally, and immense numbers of people thronged the streets to hear the bands and see what was to be seen.

Chamberlain Memorial. — See "*Statues*," &c.

Chamber of Commerce. — In 1783 there was a "Standing General Commercial Committee," composed of the leading merchants and Manufacturers, who undertook the duty of looking after the public interests of the town (not forgetting their own peculiarly private ditto). That they were not so Liberal as their compeers of to-day may be gathered from the fact of their strongly opposing the exportation of brass, and on no account permitting a workman to go abroad.

Chamber of Manufacturers. — When Pitt, in 1784, proposed to tax coal, iron, copper, and other raw materials, he encountered a strong opposition from the manufacturers, prominent among whom were Boulton (Soho), Wilkinson (Bradley), and Wedgwood (Potteries), who formed a "Chamber," the first meeting of which was held

here in February, 1785. The Minister was induced to alter his mind.

Chandeliers. — Many beautiful works of art have been manufactured in this town, which, though the wonder and admiration of strangers, receive but faint notice here, and find no record except in the newspaper of the day or a work like the present. Among such may be ranked the superb brass chandelier which Mr. R. W. Winfield sent to Osborne in 1853 for Her Majesty, the Queen. Designed in the Italian style, this fine specimen of the brassworkers' skill, relieved by burnishing and light matted work, ornamented with figures of Peace, Plenty, and Love in purest Parian, masks of female faces typical of night, and otherwise decorated in the richest manner, was declared by the late Prince Consort as the finest work he had ever seen made in this country and worthy to rank with that of the masters of old. Not so fortunate was Mr. Collis with the "Clarence chandelier" and sideboard he exhibited at the Exhibition of 1862. Originally made of the richest ruby cut and gilded glass for William IV., it was not finished before that monarch's death, and was left on the maker's hands. Its cost was nearly £1,000, but at the final sale of Mr. Collis's effects in Dec. 1881 it was sold for £5.

Chapels and Churches. — See "*Places of Worship*."

Charity. — Charitable collections were made in this neighbourhood in 1655, for the Redmontese Protestants, Birmingham giving £15 11s. 2d., Sutton Coldfield £14, and Aston £4 14s. 2d. On the 6th of June, 1690, £13 18s. 1½d. were collected at St. Martin's "for ye Irish Protestants." In 1764 some Christmas performances were given for the relief of aged and distressed housekeepers, and the charitable custom thus inaugurated was kept up for over seventy years. In the days of monks and monasteries, the poor and needy, the halt and lame, received

charitable doles at the hands of the former and at the gates of the latter, but it would be questionable how far the liberality of the parsons, priests, and preachers of the present day would go were the same system now in vogue. It has been estimated that nearly £5,000 is given every year in what may be called the indiscriminate charity of giving alms to those who ask it in the streets or from door to door. By far the largest portion of this amount goes into the hands of the undeserving and the worthless, and the formation of a central relief office, into which the charitably-disposed may hand in their contributions, and from whence the really poor and deserving may receive help in times of distress, has been a long-felt want. In 1869 a "Charity Organisation Society" was established here, and it is still in existence, but it does not appear to meet with that recognised support which such an institution as suggested requires. In 1882 a special fund was started for the purpose of giving aid to women left with children, and about £380 was subscribed thereto, while the ordinary income was only £680. The special fund can hardly be said as yet to have got into working order, but when the cost of proving the property of the recipients, with the necessary expenses of office rent, salaries, &c., have been deducted from the ordinary income, the amount left to be distributed among the persons deemed by the officials deserving of assistance is small indeed, the expenses reaching about £330 per year. In 1880 it cost £329 18s. 4d. to give away food, cash, and clothing, &c., valued at £386 16s. 6d., an apparent anomaly which would not be so glaring if the kind-hearted and charitable would only increase the income of the Society, or re-organise it upon a wider basis.—For statistics of poverty and the poor see "*Pauperism*" and "*Poor Rates*."

Charitable Trusts.—See "*Philanthropical Institutions*," &c.

Chartism.—Following the great Reform movement of 1832, in which Birmingham led the van, came years of bad harvests, bad trade, and bitter distress. The great Chartist movement, though not supported by the leaders of the local Liberal party, was taken up with a warmth almost unequalled in any other town in the Kingdom, meetings being held daily and nightly for months in succession, Feargus O'Connor, Henry Vincent, and many other "orators of the fiery tongue," taking part. On the 13th of August, 1838, a monstrous demonstration took place on Holloway Head, at which it was reckoned there were over 100,000 persons present, and a petition in favour of "The Charter" was adopted that received the signatures of 95,000 people in a few days. The Chartist "National Convention" met here May 13, 1839, and noisy assemblages almost daily affrighted the respectable townsmen out of their propriety. It was advised that the people should abstain from all exciseable articles, and "run for gold" upon the savings-banks—very good advice when given by Attwood in 1832, but shockingly wicked in 1839 when given to people who could have had but little in the savings or any other banks. This, and the meetings which ensued, so alarmed the magistrates for the safety of property that, in addition to swearing in hundreds of special constables, they sent to London for a body of police. These arrived on July 4, and unfortunately at the time a stormy meeting was being held in the Bull Ring, which they were at once set to disperse, a work soon accomplished by the free use they made of their staves. The indignant Brums, however, soon rallied and drove the police into the Station, several being wounded on either side. The latent fury thus engendered burst out in full force on the 15th when the notorious Chartist Riots commenced, but the scenes then enacted, disgraceful as they were, may well be left in oblivion, especially as the best of "the points" of the Charter

are now part of the laws of the land. Besides many others who were punished more or less, two of the leaders, Wm. Lovett and John Collins, were sentenced to one year's imprisonment for a seditious libel in saying that "the people of Birmingham were the best judges of their own rights to meet in the Bull Ring, and the best judges of their own power and resources to obtain justice." On the 27th July, 1849, Lovett and Collins were accorded a public welcome on their release from prison, being met at the Angel by a crowd of vehicles, bands of music, &c., and a procession (said to have numbered nearly 30,000), accompanied them to Gosta Green where speeches were delivered; a dinner, at which 800 persons sat down, following on the site of "The People's Hall of Science," in Loveday Street. In 1841, Joseph Sturge gave in his adhesion to some movement for the extension of the franchise to the working classes, and at his suggestion a meeting was held at the Waterloo Rooms (Feb. 25th, 1842), and a memorial to the Queen drawn up, which in less than a month received 16,000 signatures. On the 5th of April, 87 delegates from various parts of England, Ireland, and Scotland, assembled here, and after four days' sitting formed themselves into "The National Complete Suffrage Union," whose "points" were similar to those of the Charter, viz., manhood suffrage, abolition of the property qualification, vote by ballot, equal electoral districts, payment of election expenses and of members, and annual Parliaments. On the 27th of December, another Conference was held (at the Mechanics' Institute), at which nearly 400 delegates were present, but the apple of discord had been introduced, and the "Complete Suffrage Union" was pooh-poohed by the advocates of "the Charter, the whole Charter, and nothing but the Charter," and our peace-loving townsman, whom *The Times* had dubbed "the Birmingham Quaker

Chartist," retired from the scene. From that time until the final collapse of the Chartist movement, notwithstanding many meetings were held, and strong language often used, Birmingham cannot be said to have taken much part in it, though, in 1848 (August 15th), George J. Mantle, George White, and Edward King, three local worthies in the cause, found themselves in custody for using seditious language.

Chauntries.—In 1330 Walter of Clodeshale, and in 1347 Richard of Clodeshale, the "Lords of Saltley," founded and endowed each a Chantry in old St. Martin's Church, wherein daily services should be performed for themselves, their wives, and ancestors, in their passage through purgatory. In like manner, in 1357, Philip de Lutteley gave to the Lutteley chantry in Enville Church, a parcel of land called Morfe Woode, "for the health of his soul, and the souls of all the maintainers of the said chantry;" and in 1370 he gave otherlands to the chantry, "for the priest to pray at the altar of St. Mary for the health of his soul, and Maud his wife, and of Sir Fulke de Birmingham," and of other benefactors recited in the deed. It is to be devoutly hoped that the souls of the devisees and their friends had arrived safely at their journeys' end before Harry the Eighth's time, for he stopped the prayers by stopping the supplies.

Cherry Street took its name from the large and fruitful cherry orchard which we read of as being a favourite spot about the year 1794.

Chess.—See "*Sports and Sporting.*"

Chicago Fire.—The sum of £4,300 was subscribed and sent from here towards relieving the sufferers by this calamity.

Children.—A society known as "The Neglected Children's Aid Society," was founded in 1862, by Mr. Arthur Ryland, for the purpose of

looking after and taking care of children under fourteen found wandering or begging, homeless or without proper guardianship. It was the means of rescuing hundreds from the paths of dishonesty and wretchedness, but as its work was in a great measure taken up by the School Board, the society was dissolved Dec. 17, 1877. Mr. Thos. Middlemore, in 1872, pitying the condition of the unfortunate waifs and strays known as "Street Arabs," took a house in St. Luke's Road for boys, and one in Spring Road for girls, and here he has trained nearly a thousand poor children in ways of cleanliness and good behaviour prior to taking the larger part of them to Canada. A somewhat similar work, though on a smaller scale, is being carried on by Mr. D. Smith, in connection with the mission attached to the Bloomsbury Institution. In both instances the children are found good homes, and placed with worthy people on their arrival in Canada, and, with scarcely an exception all are doing well. The total cost per head while at the Homes and including the passage money is about £16, and subscriptions will be welcomed, so that the work of the Institutions may be extended as much as possible.

Chimes.—The earliest note we can find respecting the chimes in the tower of St. Martin's is in a record dated 1552, which states there were "iiij belles, with a clocke, and a chyme."

Chimnies.—Like all manufacturing towns Birmingham is pretty well ornamented with tall chimnies, whose foul mouths belch forth clouds of sooty blackness, but the loftiest and most substantial belongs to the town itself. At the Corporation Wharf in Montague Street the "stack" is 258 feet in height, with a base 54 feet in circumference, and an inside diameter of 12 feet. About 250,000 bricks were used in its construction, which was completed in September, 1879.—House-

holders of an economical turn must remember it is not always the cheapest plan to clean their chimnies by "burning them out," for in addition to the danger and risk of damage by so doing, the authorities of Moor Street have the peculiar custom of imposing a penalty (generally 10s.) when such cases are brought before them. Should such an event occur by mischance keep all doors and windows shut, and do not admit the sweeps who may come knocking at your door, unless fully prepared with the half-crowns they require as bribes not to tell the police. As a rule it is cheaper to trust to "Robert" not seeing it.

China Temple Field was a noted place for amusements about the year 1820, and was situate where Cattell Road is now. Originally it formed part of the grounds of Bordesley Hall, which was wrecked in the riots of 1791.

Choral Society.—This Society held its first Choral Concert, August 2, 1836. The Festival Choral Society was established in 1845.

Cholera.—This dreadful epidemic has never yet been felt in severity in this town, though several fatal cases were reported in August, 1832. In July, 1865, great alarm was caused by the fact of 243 inmates of the Workhouse being attacked with choleraic symptoms, but they all recovered.

Church Pastoral Aid Society.—There is a local branch of this Society here, and about £1,300 per annum is gathered in and forwarded to the parent society, who in return grant sums in aid of the stipends of thirty Curates and as many Scripture readers, amounting to nearly £4,700 per year.

Church rates.—Prior to 1831, Church rates had been regularly levied, and, to a great extent, cheerfully paid, but with the other reforms of that Reforming age came the desire to re-form this impost, by doing away with it altogether, and at a meeting held on

August 7, 1832, the ratepayers assembled not only denounced it, but petitioned Parliament for its entire abolition. Between that year and 1837, Churchrates of 6d. to 9d. in the £ were not at all infrequent, but in the latter year there was a sweet little row, which led to an alteration. At a vestry meeting held March 28, the redoubtable George Frederick Muntz, with George Edmonds, and other "advanced" men of the times, demanded a personal examination of the books, &c., &c., with the result doubtless anticipated and wished for—a general shindy, free fight, and tumult. For his share in the riot, G.F.M. was put on his trial in the following year (March 30, to April 1) and had to pay over £2,000 in the shape of costs, but he may be said to have won something after all, for a better feeling gradually took the place of raucous, and a system of "voluntary" rates—notably one for the rebuilding of St. Martin's—was happily brought to work. The Bill for the abolition of Churchrates was passed July 13, 1868.

Church Street.—In 1764, at Warwick a legal battle was fought as to a right of way through the New Hall Park, the path in dispute being the site of the present Church Street.

Circuses.—The first notice we have of any circens visiting Birmingham is that of Astley's which came here October 7, 1787. In 1815 Messrs. Adams gave performances in a "new equestrian circus on the Moat," and it has interest in the fact that this was the first appearance locally of Mr. Ryan, a young Irishman, then described as "indisputably the first tight-rope dancer in the world of his age." Mr. Ryan, a few years later, started a circus on his own account, and after a few years of tent performances, which put money in his pocket, ventured on the speculation of building a permanent structure in Bradford-street, opening his "New Grand Arena" there in 1827. Unfortunately,

this proved a failure, and poor Ryan went to the wall. The circus (known now as the Circus Chapel), long lay empty, but was again re-opened May 19, 1838, as an amphitheatre, but not successfully. In 1839 the celebrated Van Ambargh, whose establishment combined the attractions of a circus and a menagerie, visited this town, and his performances were held, rather strangely, at the Theatre Royal. On the night of the Bull Ring Riots, July 15th, when there was "a full house," the startling news that a number of buildings were on fire, &c., was shouted out just at the moment that Van Ambargh was on the stage with a number of his well-trained animals. He himself was reclining on the boards, his head resting on the sides of a tawny lion, while in his arms was a beautiful child, four or five years old, playing with the ears of the animal. The intelligence naturally caused great excitement, but the performer went quietly on, hoisting the little darling to his shoulder, and putting his animals through their tricks as calmly as if nothing whatever was the matter. In 1842, Ducrow's famous troupe came, and once again opened Ryan's Circus in the Easter week, and that was the last time the building was used for the purpose it was originally erected for. Cooke's, Hengler's, Newsome's, and Sanger's periodical visits are matters of modern date. The new building erected by Mr. W. R. Inshaw, at foot of Snow Hill, for the purposes of a Concert Hall, will be adaptable as a Circus.

Climate.—From the central position in which Birmingham is situated, and its comparative elevation, the town has always been characterised as one of the healthiest in the kingdom. Dr. Priestley said the air breathed here was as pure as any he had analysed. Were he alive now and in the habit of visiting the neighbourhood of some of our rolling mills, &c., it is possible he might return a different verdict, but nevertheless the fact remains that the rates of

mortality still contrast most favourably as against other large manufacturing towns.

Clocks.—One of Boulton's specialties was the manufacture of clocks, but it was one of the few branches that did not pay him. Two of his finest astronomical clocks were bought by the Empress of Russia, after being offered for sale in this country in vain. His friend, Dr. Small, is said to have invented a timepiece containing but a single wheel. The "town clocks" of the present day are only worth notice on account of their regular irregularity, and those who wish to be always "up to the time o' day," had best set their watches by the instrument placed in the wall of the Midland Institute. The dome of the Council House would be a grand position in which to place a really good clock, and if the dials were fitted with electric lights it would be useful at all hours, from near and far.

Clubs.—No place in the kingdom can record the establishment of more clubs than Birmingham, be they Friendly Clubs, Money Clubs (so-called), or the more taking Political Clubs, and it would be a hard task to name them all, or say how they flourished, or dropped and withered. In the years 1850-60 it was estimated that at publichouses and coffeehouses there were not less than 180 Money Clubs, the members paying in weekly or fortnightly subscriptions of varying amount for shares £5 to £100, and though there cannot be the slightest doubt that many of our present mastermen owe their success in life to this kind of mutual help, the spirit of gambling in money shares proved, on the whole, to be disastrous to the members who went in for good interest on their deposits. Of Friendly Clubs we shall have something to say under another heading. Respecting the Political Clubs and those of a general nature we may say that the earliest we have note of is the "Church and King Club," whose first meeting was held at the Royal Hotel, Nov. 27, 1792. Of a

slightly different nature was the "Hampton Club," established in 1815, but which was closed by the suspension of the Habeas Corpus Act in 1817. During the troublous times of 1839-40, many clubs, or "smoke-room palavers," existed, but, perhaps the only one that really showed results was the Branch Club (or local agency), connected with the Land Scheme of Feargus O'Connor [see "*Land Societies*"], and that ultimately dwindled to naught. On July 5, 1847, a club on the plan of the London "Whittington" was started here, but when or why it ended dependent knoweth not.—The Union Clubhouse, corner of Newhall Street and Colmore Row, which cost £16,000, was built in 1868-9, being opened May 3rd of the latter year. This must be considered as the chief neutral ground in local club matters, gentlemen of all shades of politics, &c., being members. The number of members is limited to 400, with 50 "temporary" members, the entrance fee being £15 15s., and the annual subscription £7 7s.—The Town and District Club, opened at the Shakespeare Rooms, in August, 1876, also started on the non-political theory: the town members paying £3 3s. per annum, and country members a guinea or guinea and half, according to their residence being within 25 or 100 miles.—A Liberal Club was founded October 16, 1878, under the auspices of Mr. Joseph Chamberlain and took possession of its present rooms in Corporation Street, January 20, 1880, pending the completion of the palatial edifice now in course of erection in Edmund Street, at the corner of Congreve Street. The "Forward Liberal Club," opened in Great Hampton Street, October 30, 1880. A "Junior Liberal Club" celebrated their establishment by a meeting in the Town Hall, November 16, 1880. The Conservatives, of course, have not been at all backward in Club matters, for there has been some institution or other of the kind connected with the party for the last hundred years. The Midland Conser-

vative Club was started July 4, 1872, and has its head-quarters now in Waterloo-street, the old County Court buildings being remodelled for the purpose. A Junior Conservative Club opened in Castle Street, June 25, 1874; a Young Men's Conservative Club commenced July 26, 1876; the Belmont Conservative Club, July 30, 1877; and the Hampton Conservative Club, August 21st of same year. In fact, every ward in the borough, and every parish and hamlet in the suburbs now has its Conservative and Liberal Club; the workingmen having also had *their* turn at Club-making, the Birmingham Heath working men opening up shop, August 25, 1864; the Salfley boys in October, 1868; the St. Albanites following suit December 1, 1873; and the Ladywood men, November 30, 1878. A Club of more pretentious character, and called *par excellence* "The Working-man's Club," was begun July 20, 1863, but the industriously-inclined members thereof did not work together well, and allowed the affair to drop through. Backed by several would-be-thought friends of the working class, another "Working Men's Club" sprung into existence April 29, 1875, with a nominal capital of £2,500 in 10s. shares. Rooms were opened in Corn Exchange Passage on the 31st of May, and for a time all promised well. Unfortunately the half-sovereigns did not come in very fast, and the landlord, though he knew "Nap" to be a very favourite game, did not choose to be caught napping, and therefore "took his rest" at the end of the fifth half-year, and in so doing rent the whole fabric of the club.—The Edgbaston Art Club was organised in 1878; the Chess Club in 1841; the Germania Club in 1856; the Gymnastic Club in 1866; the Dramatic Club in May, 1865; the Farmer's Club in May, 1864, the Pigeon flying Club at Quilter's in 1875, &c., &c. Club law has great attractions for the Brums—every profession and every

trade hath its club, and all the "fan-ciers" of every sort and kind club by themselves, till their name is "Legion."

Coaches.—From its being situated as it were in the very heart of the kingdom, Birmingham, in the olden days, and it is but fifty years ago, was an important converging central-point of the great mailcoach system, and a few notes in connection therewith cannot be uninteresting. Time was when even coaching was not known, for have we not read how long it took ere the tidings of Prince Rupert's attack on our town reached London. A great fear seems to have possessed the minds of the powers that were in regard to any kind of quick transmission whatever, for in the year 1673 it was actually proposed "to suppress the public coaches that ran within fifty or sixty miles of London," and to limit all the other vehicles to a speed of "thirty miles per day in summer, and twenty-five in winter"—for what might not be dreaded from such an announcement as that "that remarkable swift travelling coach, 'The Fly,' would leave Birmingham on Mondays and reach London on the Thursdays following." Prior to and about 1738, an occasional coach was put on the road, but not as a regular and periodical conveyance, the fare to London being 25 shillings, "children on lap, and footmen behind, being charged half-price." A "Flying Coach" commenced running direct to the Metropolis on May 28th, 1745, and was evidently thought to be an event of some importance, as it was advertised to do the distance in two days "if the roads permitted." In July, 1782, the same journey was accomplished in 14 hours, showing a great improvement in the arrangements of the road. The first mail coaches for the conveyance of letters was started by Mr. Palmer, of Bath, in 1784, the earliest noticed as passing through here being on August 23, 1785, but the first direct mail from this town dates only from May 25, 1812. In February, 1795,

the Western mailcoaches were delayed nearly a week together in consequence of a rapid thaw rendering the roads impassable. In 1777 fifty-two coaches passed through here to London and sixteen to Bristol every week. In 1829 at least 100 departed from or passed through the town daily, 550 persons travelling between here and London. In 1832 Mr. Lecount estimated the general results of the road and canal traffic between here and London as follows: Passengers, 233,155; goods, 62,389 tons; parcels, 46,799; beasts, 50,839; sheep, 365,000; pigs, 15,364; the amount expended in cost of transit being £1,338,217. In 1837 it was estimated that £6,789 was received per week from coach passengers on the road from here to London, £1,571 for parcels per coach, and £729 from persons posting along the same roads; and that £8,120 was received for goods by canals and waggons, not including iron, timber, cattle, minerals, or other goods at low tonnage—£17,209 *per week*. There was, notwithstanding the large number of coaches leaving here every day, no direct conveyance from Birmingham to Edinburgh. The best and usual route was by Walsall, Manchester, Preston, and Carlisle; distances and times being, Manchester, 78½ miles, 8 hours, fare, 14s.; Manchester to Carlisle, 118 miles, 12 hours 55 minutes by the mail, including stoppage of fifty minutes at Preston for post office purposes, fare, £1 2s. 6d.; Carlisle to Edinburgh, 95 miles, 9 hours 35 minutes, fare, 18s.; coachmen and guards' fees about 15s.; all hotel charges, &c., were paid by the passenger. Total distance, 291½ miles; travelling time, 39½ hours; cost, £3 9s. 6d., in all. The mail coach which left the Albion reached London in 10½ hours, which would be reckoned as very good travelling, even in these days. For some time after the introduction of railways, the coaching interest was still of some account, for as late as 1840 there were 54 coaches and omnibuses running from here every 24

hours.—There has been a kind of modern revival of the good old coaching days but it has not become popular in this part of the country, though quite a summer feature on the Brighton Road. A four-in-hand, driven by the Earl of Aylesford, was put on the road from here to Coventry, at latter end of April, 1878; and another ran for part of the summer, in 1880, to Llanington. The introduction of railways set many persons to work on the making of "steam coaches" to travel on the highways. Captain Ogle coming here on one of his own inventing September 8th, 1832, direct from Oxford, having travelled at from ten to fourteen miles per hour. Our local geniuses were not behindhand, and Messrs. Hexton Bros., and the well-known Dr. Church brought out machines for the purpose. Both parties started joint-stock companies to carry out their inventions, and in that respect both parties succeeded, for such was the run for shares, that in June, 1833, when Heaton's prospectus came out, offering to the public 2,000 £10 shares, no less than 3,000 were asked for in one day. There was also a third company in the field, the "London, Birmingham, and Liverpool," with a nominal capital of £300,000; but none of them prospered; for though they could construct the engines and the coaches, they could not make receipts cover expenses. Heaton's ran theirs for some little time to Wolverhampton and back, and even to the Lickey; the Doctor came out every month with something new; and even the big Co. managed to bring one carriage all the way from London (August 28th, 1835). Others besides Captain Ogle also came here on their iron horses, and there was plenty of fun and interest for the lookers-on generally—but no trade and no interest for the speculators. For steam coaches of the present day, see "*Tramways*."

Coal was not in common use much before 1625, and for a long time was

rather shunned by householders, more especially in the rural parts where the black diamonds were looked upon as something altogether uncanny. Prior to the opening of the first canal, the roads leading from the Black Country daily presented the curious feature of an almost unending procession of carts and waggons bringing the supplies needed by our manufacturers, and high prices were the rule of the day. The first boatload was brought in on November 6th, 1769, and soon after the price of coal at the wharf was as low as 4d. per cwt.—See "*Trades.*"

Cobbett delivered a lecture on the Corn Laws, &c., at Beardsworth's Repository, May 10 1830.

Cobden.—There was a general closing of places of business here on April 6, 1865, the day on which Richard Cobden was buried.

Cockfighting.—*Aris's Gazette* of December 26, 1780, announced in one of its advertisements that "the Annual Subscription Match of Cocks" would be fought at Duddleston Hall, commonly called Vauxhall," on the New Year's day and day after.—The same paper printed an account of another Cockfight, at Sutton, as late as April 17, 1875.

Coffeehouses.—Coffee, which takes its name from the Abyssinian province of Kaffa, was introduced into this country in the early part of the 17th century, the first coffeehouse being opened in London in 1652. Until very late years coffeehouses in provincial towns were more noted for their stuffy untidiness than aught else, those of Birmingham not excepted, but quite a change has come o'er the scene now, and with all the brave glitter of paint and glaring gas they attempt to rival the public-houses. The Birmingham Coffeehouse Company, Limited (originally misnamed The Artizan's Club-house Company), which came into existence March 27, 1877, with a capital of £20,000 in 10s. shares, has now

near upon a score of houses open, and their business is so successful that very fair dividends are realised.

Coffins.—Excluding textile fabrics and agricultural produce, Birmingham supplies almost every article necessary for the comfort of man's life, and it is therefore not surprising that some little attention has been given to the construction of the "casket" which is to enclose his remains when dead. Coffins of wood, stone, lead, &c., have been known for centuries, but coffins of glass and coffins of brass must be ranked amongst the curiosities of our later trades. Two of the latter kind polished, lacquered, and decorated in a variety of ways, with massive handles and emblazoned shields, were made here some few years back for King Egbo Jack and another dark-skinned potentate of South Africa. "By particular request" each of these coffins were provided with four padlocks, two outside and two inside, though how to use the latter must have been a puzzle even for a dead king. The Patent Metallic Air-tight Coffin Co., whose name pretty accurately describes their productions, in 1861 introduced hermetically-sealed coffins with plate glass panels in the lid, exceedingly useful articles in case of contagious diseases, &c., &c. The trade in coffin "furniture" seems to have originated about 1760, when one ingenious "Mole" pushed it forward; and among the list of patents taken out in 1796 by a local worthy there is one for "a patent coffin," though its particular speciality could not have met with much approval, as although some thousands of bodies have been removed from our various sepulchres nothing curious or rarer than rotten boards and old lead has been brought to light.

Coinage.—So far had our patriotic forefathers proceeded in the art of making money that about the middle of the last century it was estimated over one half the copper coin in circulation was counterfeit, and that nine-tenths thereof was manufactured in

Birmingham, where 1,000 halfpennies could be had of the makers for 25s. Boulton's big pennies were counterfeited by lead pennies faced with copper. One of these would be a curiosity now. The bronze coinage was first issued December 1, 1860, and soon after Messrs. Ralph Heaton & Sons made 100 tons of bronze coins for the Mint. They are distinguished by the letter "H" under the date. The number, weight, and value of this issue were as follows :—

Tons		Nominal Value.
62 or 9,595,245 pennies ..	£25,396	17 1
28 or 5,504,382 halfpennies ..	11,469	10 11
10 or 3,884,446 farthings ..	4,096	5 4
100 or 15,484,043 pieces ..	£10,962	13 4

The same firm has had several similar contracts, the last being in hand at the present time. The bronze is composed of 95 parts copper, 4 tin, and 1 zinc.

Colleges.—See "*Schools*," &c.

Colmore Row, which now extends from the Council House to the Great Western Hotel (including Ann Street and Monmouth Street) is named after the Colmore family, the owners of the freehold. Great Colmore Street, Caroline and Charlotte Streets, Great and Little Charles Streets, Cregoe, Lionel, and Edmund Streets, all take their names from the same source.

Colonnade.—This very handsome and (for Birmingham) rather novel-looking building, was opened Jan. 10, 1883, being erected by Mr. A. Humpage, at a cost of about £70,000, from the designs of Mr. W. H. Ward. The Colonnade proper runs round the entire building, giving frontage to a number of shops, the upper portion of the block being partly occupied by the Midland Conservative Club, and the rest of the building, with the basement, fitted up as a Temperance Hotel and "Restaurant."

Comets.—The inhabitants were very much terrified by the appearance of a

comet in December, 1680. At Michaelmas, 1811, an exceedingly brilliant comet appeared, supposed to have been the same which was seen at the birth of Jesus Christ. Donati's comet was first observed June 2, 1858, but was most brilliant in September and October. The comets of 1861 and 1883 were also visible here.

Commissioners.—The first local governing body of the town, though with but the merest shadow of power as compared with the Corporation of to-day, were the Street Commissioners appointed under an Act of Geo. III. in 1769, their duties being confined almost solely to repairing, cleansing, and "enlightening" the streets of the town, appointing watchmen, &c., their power of raising funds being limited to 1s. in the £. By succeeding Acts of 1773, 1801, 1812, and 1828, the powers of the Commissioners were considerably enlarged, and they must be credited with the introduction of the first set of local improvement schemes, including the widening of streets, clearing the Bull Ring of the houses round St. Martin's Church, making owners lay out proper streets for building, purchasing the market tolls, building of Town Hall and Market Hall, regulating carriages, and "suppressing the smoke nuisance arising from engines commonly called steam engines," &c., and, though they came in for their full share of obloquy and political rancour, it cannot be denied they did good and faithful service to the town. The Commissioners had the power of electing themselves, every vacancy being filled as it occurred by those who remained, and, as the Act of 1828 increased their number to no less than 89, perhaps some little excuse may be made for the would-be leading men of the day who were left out in the cold. But that as it may, the Charter of Incorporation put them aside, and gave their power and authority into the hands of a popularly-elected representative body. The Com-

missioners, however, remained as a body in name until the last day of December, 1851, when, as a token of remembrance, they presented the town with the ornamental fountain formerly standing in the centre of the Market Hall, but which has been removed to Highgate Park. On the transfer of their powers to the Corporation, the Commissioners handed over a schedule of indebtedness, showing that there was then due on mortgage of the "lamp rate," of 4 per cent., £87,350; on the "Town Hall rate," at 4 per cent., £25,000; annuities, £947 3s. 4d.; besides £7,800, at 5 per cent., borrowed by the Duddleston and Nechells Commissioners, making a total of £121,097 3s. 4d.

Commons.—Handsworth Common was enclosed in 1793. An Act was passed in 1798 for enclosing and allotting the commons and waste land in Birmingham. The commons and open fields of Erdington and Witton were enclosed and divided in 1801.

Concert Halls, &c.—The Birmingham Concert Hall, better known as "Holder's," was built in 1846, though for years previous the house was noted for its harmonic meetings; the present Hall has seats for 2,200 persons.—Day's Concert Hall was erected in 1862 the opening night, September 17, being for the benefit of the Queen's Hospital, when £70 was realised therefor; the Hall will accommodate 1,500.—The Museum Concert Hall was opened Dec. 20, 1863, and will hold about 1,000 people.—A very large building intended for use as a Concert Hall, &c., will soon be opened in Snow Hill, to be conducted on temperance principles.—A series of popular Monday evening concerts was commenced in the Town Hall, Nov. 12, 1844, and was continued for nearly two years.—Twopenny weekly "Concerts for the People" were started at the Music Hall, Broad Street (now Prince of Wales' Theatre), March 25, 1847, but they did not take well.—Threepenny Saturday evening

concerts in Town Hall, were begun in November, 1879.

Conferences and Congresses

of all sorts of people have been held here from time to time, and a few dates are here annexed:—A Conference of Wesleyan ministers took place in 1836, in 1844, 1854, 1865, and 1879, being the 136th meeting of that body. Four hundred Congregational ministers met in Congress Oct. 5, 1862. A Social Science Congress was held Sept. 30, 1868. A Trades Union Conference Aug. 23, 1869. National Education League Conference, Oct. 12, 1869. National Republican Conference, May 12, 1873. Conference on Sanitary Reform, Jan. 14, 1875. A Co-operative Societies Conference, July 3, 1875. A Conference of Christians in Needles Alley, Oct. 27, 1875. The Midland Counties' Church Defence Associations met in the Exchange, Jan. 18, 1876, and on the 9th of Feb. the advocates for disestablishing and disendowing the Church said their say in the Masonic Hall, resolutions in favour of sharing the loaves and fishes being enthusiastically carried by the good people who covet not their neighbours' goods. A Domestic Economy Congress was held July 17, 1877. A Church Conference held sittings Nov. 7, 1877. The friends of International Arbitration met in the Town Hall, May 2, 1878, when 800 delegates were present, but the swords are not yet beaten into ploughshares. How to lessen the output of coal was discussed March 5, 1878, by a Conference of Miners, who not being then able to settle the question, met again June 17, 1879, to calmly consider the advisableness of laying idle all the coalpits in the country for a time, as the best remedy they could find for the continued reduction of wages. The 18th Annual Conference of the British Association of Gas Managers was held here June 14, 1881, when about 500 of those gentlemen attended. A considerable amount of gassy talk anent the wonderful future

naturally arose, and an endowment fund of £323 was banked to provide a medal for "any originality in connection with the manufacture and application of gas," but the Gas Committee of Birmingham, without any vast improvement in the manufacture, still keep to *their* original idea of sharing profits with ratepayers, handing over £25,000 each year to the Borough rates. On Bank Holiday, August 6, 1883, a Conference of Bakers took place here, and at the same date the 49th "High Court" of Foresters assembled at the Town Hall, their last visit having been in 1849.

Conservative Associations have been in existence for at least fifty years, as the formation of one in December, 1834, is mentioned in the papers of the period. The present one, which is formed on a somewhat similar plan to that of the Liberal Association, and consists of 300 representatives chosen from the wards, held its first meeting May 18, 1877. Associations of a like nature have been formed in most of the wards, and in Balsall Heath, Moseley, Aston, Handsworth, and all the suburbs and places around.

Constables.—In 1776 it was necessary to have as many as 25 constables sworn in to protect the farmers coming to the weekly market. — See also "*Police.*"

Consuls.—There are Consulates here for the following countries (for addresses see *Directory*):—Austria, Belgium, Brazil, Chili, France, Germany, Greece, Liberia, Portugal, Spain and Italy, Turkey, United States, United States of Columbia, and Uruguay.

Convents.—See "*Religious Institutions.*"

Co-operative Societies at one time were put in the same category as Chartist, Socialist, and Communistic Associations, all banned alike. Nevertheless, in the old "Reform days" the

theory of co-operation was most enthusiastically taken up by the workers of this town, even more so than in any other place in the kingdom. As early as 1828 several attempts had been made to form such societies, but the one which appeared the most likely to succeed was the so-called "Labour Exchange," situated in the old Coach Yard, in Bull Street, formed on the basis so eloquently and perseveringly advocated by Robert Owen. The principle of this Exchange was to value all goods brought in at the cost of the raw material, plus the labour and work bestowed thereon, the said labour being calculated at the uniform rate of 6d. per hour. On the reception of the goods "notes" to the value were given which could be handed over as equivalent for any other articles there on sale, and for a time this rather crude plan was successful. Sharp customers, however found that by giving in an advanced valuation of their own goods they could by using their "notes" procure others on which a handsome profit was to be made outside the Labour Mart, and this ultimately brought the Exchange to grief. Mr. William Pare and Mr. George Jacob Holyoake, were foremost among the advocates of Co-operation at the period, and a most interesting history of "Co-operation in England" has been written by the latter gentleman. Other societies were also in operation from time to time, the longest-lived being the "Economic Provision Company," which was commenced at Handsworth in 1830 by some of the workers at Soho and Soho Foundry, 139 of whom clubbed 20s. each as a starting fund. After a few months' trial, the profits were allowed to accumulate until they made up £5 per share, on which capital no less than £6,000 were paid in dividends during the first thirty years. The Supply Associations of the present day are somewhat differently constituted, such establishments as the one in Corporation Street (formerly in Cannon Street)

and that in High Street being on the most extensive scale, offering to the general public all the advantages derivable from the use of large capital, combined with a fair division of profits to the customer, as well as to the shareholders. The Birmingham Household Supply Association in Corporation Street supplies all the necessaries required in the household, in addition to eatables and drinkables of the very best quality, including Messrs. Walter Showell and Sons' ales, which are sent out at the same prices as from the firm's own offices, either in cask or bottle.

Cornavii.—The ancient inhabitants of this part of England, but who were subdued by the Romans. Whether the said inhabitants had any name for the particular spot now called Birmingham must for ever remain doubtful.

Corn Exchange, in High-street, was opened October 28, 1847. The original capital of the Company was £5,000, in shares of £25 each; but the total cost of erection was a little over £6,000. The length of the interior is 172 feet and the breadth 40 feet.

Corn Laws.—Long before the formation of the Anti-Corn Law League in 1838, a movement for the repeal of the obnoxious imposts had been started in this town, a petition being sent from here to Parliament in March, 1815, with 48,600 signatures attached. The doings of the League and their ultimate success is an oft-told tale, the men of Birmingham of course taking their part in the struggle, which culminated on the 26th of June, 1846, in the passing of Sir Robert Peel's Bill for the total repeal of all duties levied on corn and breadstuffs.

Coroners.—The first borough coroner, the late Dr. Birt Davies, was appointed May 15, 1839, and he held the office till July, 1875, when Mr. Henry Hawkes was chosen as his successor, only one member of the Town Council voting against him. The pre-

ent coroner has introduced several improvements on the old system, especially in the matters of holding inquests at public-houses, and the summoning of jurors. Formerly the latter were chosen from the residents nearest to the scene of death, some gentlemen being continually called upon, while the occasional exhibition of a dead body in the back lumberroom of an inn yard, among broken bottles and gaping stablemen, was not conducive to the dignity of a coroner's court or particularly agreeable to the unfortunate surgeon who might have to perform a *post mortem*. Thanks to the persevering tenacity of Mr. Hawkes we have a proper court in Moor-street, and a mortuary at every police station to which bodies can at once be taken. The jurors are now chosen by rotation, so that having been once called upon to act as a good citizen in such a capacity no gentleman need fear a fresh summons for some years to come. Mr. Hooper, the coroner for South Staffordshire, received his appointment in 1860.

Corporation.—The Charter of Incorporation of the Borough of Birmingham, authorising the formation of a Governing body, consisting of Mayor, Aldermen, and Councillors, duly elected by the Burgesses, dates from October 31, 1838. The elections took place in December, the first meeting being held on the 27. The borough was originally divided into 13 wards, but has since been, by Order in Council, made into 16, though the number of Aldermen (16) and Councillors (48) has not been increased. The Mayor is elected for one year, the Councillors for three, and the Aldermen for six. The first Mayor chosen was William Schofield, Esq., who was succeeded by P. H. Muntz, Esq., in 1839 and 1840, the election taking place at the November sitting in each year. Since 1840, the Mayoral chair has been successively filled by:—

1841, S. Beale; 1842, J. James; 1843, T. Weston; 1844, T. Phillips;

1845, H. Smith; 1846, R. Martineau; 1847, C. Geach; 1848, S. Thornton; 1849, W. Lucy; 1850, W. Lucy; 1851, H. Smith; 1852, H. Hawkes; 1853, J. Baldwin; 1854, J. Palmer; 1855, T. R. T. Hodgson; 1856, J. Ratcliff; 1857, J. Ratcliff; 1858, Sir J. Ratcliff, Kt.; 1859, T. Lloyd; 1860, A. Ryland; 1861, H. Manton; 1862, C. Sturge; 1863, W. Holliday; 1864, H. Wiggin; 1865, E. Yates; 1866, G. Dixon; 1867, T. Avery; 1868, H. Holland; 1869, T. Prime; 1870, G. B. Lloyd; 1871, J. Sadler; 1872, A. Biggs; 1873, J. Chamberlain; 1874, J. Chamberlain; 1875, J. Chamberlain; 1876, G. Baker; 1877, W. Kenrick; 1878, J. Collings; 1879, R. Chamberlain; 1880, R. Chamberlain; 1881, T. Avery; 1882, W. White; 1883, W. Cook; 1884, W. Martineau.

The members of the Council in 1862 subscribed £200 for the purchase of a "Mayor's Chain," the first to wear "the glittering gaud," strange to say, being a Quaker, Charles Sturge to wit. To this chain a valuable addition has since been made in the shape of a stone, worth £150, presented to the Town Council by Mr. W. Spencer, June 27, 1873, as being the first diamond cut in Birmingham, and which was appropriately mounted. For the names and addresses of the Aldermen and Councillors of the various wards (changes taking place yearly) reference should be made to "The Birmingham Red Book" published annually, in which will also be found a list of all the borough officials, &c.

Corporation Stock.—The balance against the Borough in the shape of loans, or mortgages on the then rates, when the Town Council took over from the Street Commissioners was £121,100. By the end of 1864 the Borough debts stood at £638,300, at varying rates of interest. After the purchase of the Gas and Water Works, and the commencement of the Improvement Scheme, this amount was vastly increased, the town's indebted-

ness standing in 1880 at no less than £6,226,145. The old system of obtaining loans at the market price of the day, and the requirement of the Local Government Board that every separate loan should be repaid in a certain limited number of years, when so large an amount as 6½ millions came to be handled necessitated a consolidation scheme, which has since been carried out, to the relief of present ratepayers and a saving to those who will follow. The whole of the liabilities in the Borough on loans were converted into Corporation three and a half per cent. stock at the commencement of 1881, the operation being performed by the Bank of England. The tenders for same were opened Jan. 18th, when it was found that £1,200,000 had been applied for at and slightly over the minimum rate of £98 per £100. The remaining £800,000 was allotted to a syndicate, who afterwards applied for it at the minimum price. Persons having money to invest cannot do better than visit the Borough Treasurer, Mr. Hughes, who will give every information as to the mode of investing even a £10 note in the Birmingham Corporation Stock.

Council House.—See "*Public Buildings.*"

County Areas.—The total areas of this and adjoining counties are: Warwickshire 566,458 acres, Worcestershire 472,453, Staffordshire 732,434, and Shropshire 841,167.

County Court.—First opened in Birmingham at the Waterloo Rooms, Waterloo Street, April 28th, 1847. R. G. Weiford, Esq., Q.C., acting as judge until September, 1872. He was followed by H. W. Cole, Esq., Q.C., who died in June, 1876; James Mottram, Esq., Q.C., who died Sept. 19, 1884; the present judge being W. Chambers, Esq., Q.C. The Circuit (No. 21) includes the towns and places of Aston, Atherstone, Balsall Heath, Curdworth, Castle Bromwich, Erdington, Gravelly Hill, Handsworth, Har-

borne, King's Heath, King's Norton, Lea Marston, Little Bromwich, Maxstoke, Minworth, Moseley, Nether Whitacre, Perry Barr, Saltley, Selly Oak, Sutton Coldfield, Tamworth, Water Orton and Wishaw.

County Officials.—For names and addresses of the Lord Lieutenant, Deputy Lieutenant, High Sheriff, County Magistrates, and other official gentlemen connected with the county of Warwick, see "Red Book."

Court of Bankruptcy holden at Birmingham (at the County Court, in Corporation Street) comprises all the places within the district of the County Court of Warwickshire holden at Birmingham, Tamworth and Solihull, and all the places in the district of the County Court of Worcestershire holden at Redditch.

Court of Judicature.—Birmingham, Wolverhampton, Walsall, and Worcester, are District Registries of the Supreme Court of Judicature.

Court Leet.—The origin of that peculiar kind of Local Government Board, known in the olden days as the Court Leet of the Manor of Birmingham, is lost in the misty shadows of our past history. Doubtless there were many onerous duties connected therewith, and very possibly the officials considered themselves as "men of high degree," but what those duties actually were, and what the remuneration for their due fulfilment, appears to have been matter of doubt, even so late as a hundred and a few odd years ago. The rights, powers, and privileges of the officers of this Court had evidently been questioned by some of our Radical-minded great-grandfathers, as we find it was deemed necessary to assemble a jury on the 20th day of October, 1779, to "ascertain and present" the same, and from a little pamphlet at that time published, we extract the following:—

The Office of Low Bailiff.—"The Jury find and present that this officer is annually elected by the Jury, and that his office is in the nature of Sheriff

of the Manor; that to him all the process of the Court is to be directed, and that it is his right and duty to summon all Juries to this court. And the Low Bailiff, at each fair, is entitled to one penny for each stall or standing pitched in the said fairs."

The Office of High Bailiff.—"The Jury find and present that this Officer is annually elected by the Jury; and that it is his duty to see that the fairs be duly proclaimed, and that due order be preserved in the fairs and markets; and if he sees any person in such fairs or markets using unlawful games, to the injury of ignorant persons and thoughtless youths, he may seize them and commit them to custody, to be taken before a proper magistrate. That it is his duty to see that all persons exposing any wares for sale in the fairs or markets, or as shopkeepers within the manor, have legal weights and measures."

The other officers of the Court Leet, whose duties are also defined in the aforesaid pamphlet, are the "Constables," the "Headborough," two "Affeirers" (who looked after the rents and dues belonging to the Lord of the Manor), two "Leather Sealers" (once important officers, when there was a Leather Market, but whose duties in and about the year named seemed to be confined to attending at the yearly dinners given by the High Bailiff), two "Ale-conners, otherwise high tasters," and two "Flesh-conners, otherwise low tasters." From their name it might be thought the duties of the last named officers were limited to the inspection of meat or flesh, but it will be seen that they were of a more comprehensive character:—

"Their duty is to see that all butchers, fishmongers, poulterers, bakers, and other sellers of victuals, do not sell or expose to sale within this Manor any unwholesome, corrupt, or contagious flesh, fish, or other victuals; and in case any such be exposed to sale, we find that the said Officers, by the ancient custom of the Manor may

seize, burn, or destroy the same, or otherwise present the offenders at the next Court Leet to be holden for this Manor."

As we are now officered, inspected and policed, and generally looked after as to our eating and drinking, &c., in the most improved modern style possible, it is not necessary to further fill space by saying what the "Headborough" had to do, or how many "Constables" assisted him. The last meeting of the Court Leet, long shorn of all its honours and privileges, was held October 28, 1851.

Court of Record.—This was also called the "Mayor's Court," and was authorised in the Charter of Incorporation for the recovery of small debts under £20, the officers consisting of a Judge, Registrar, and two Sergeants-at-Mace. In 1852 (Oct. 26) the Town Council petitioned the Queen to transfer its powers to the County Court, which was acceded to in the following spring.

Court of Requests.—Constituted by Act of Parliament in 1752 this Court for "the more easy and speedy recovery of small debts within the town of Birmingham and the adjoining hamlet of Deritend" continued in operation until the present County Court system became the law of the land. Its powers were originally limited to debts not exceeding 40s. in amount (which was increased to £5 by an Act passed in 1807), the periods of imprisonment to which defaulting debtors were liable being apportioned out at the rate of one day in durance for each shilling due, except in special cases, wherein an addition (not to exceed three months) might be the reward for fraudulent concealment of property from creditors. The "Court" consisted of no less than six dozen judges, or, as the Act styled them, "Commissioners," from whose decisions there was no appeal whatever. These Commissioners were at first chosen from the ratepayers in a haphazard

style, no mental or property qualification whatever being required, though afterwards it was made incumbent that they should be possessed of an income from real estate to value of £50 per year, or be worth £1,000 personally. From the writings of William Hutton, himself one of the Commissioners, and other sources, we gather that justice, or what was supposed to be equivalent thereto, was administered in a rough-and-ready fashion of the rudest kind, the cases being frequently disposed of at the rate of thirty to forty per hour, and when we consider that imprisonment resulted at an average of one case in ten the troubles attendant upon impecuniosity in those days may be better imagined than described. The Court House, which is now occupied by sundry tradesmen, lay a little back from High-street, nearly opposite New-street, and in itself was no mean structure, having been (it is said), erected about the year 1550, as the town house of John Jennens, or Jennings, one of the wealthy family, the claims to whose estates have been unending, as well as unprofitable, barring, of course, to the long-robed and bewigged fraternity. A narrow passage from the right of the entrance hall leads by a dark winding staircase to the cellars, now filled with merchandise, but which formerly constituted the debtors' prison, or, as it was vulgarly called, "The Louse Hole," and doubtless from its frequently-crowded and horribly-dirty condition, with half-starved, though often debauched and dissipated, occupants, the nasty name was not inappropriately given. Shocking tales have been told of the scenes and practices here carried on, and many are still living who can recollect the miserable cry of "Remember the poor debtors," which resounded morning, noon, and night from the heavily-barred windows of these underground dungeons. The last batch of unfortunates here confined were liberated August 16, 1844.

Creeche.—An institution which has been open in Bath Row for several years, and a great blessing to many poor mothers in its neighbourhood, but it is so little known that it has not met with the support it deserves, and is therefore crippled in its usefulness for want of more subscribers. The object of the institution is to afford, during the daytime, shelter, warmth, food, and good nursing to the infants and young children of poor mothers who are compelled to be from home at work. This is done at the small charge of 2d. per day—a sum quite inadequate to defray the expenses of the charity. The average number of children so sheltered is about 100 per week, and the number might be greatly increased if there were more funds. Gifts of coal, blankets, linen, perambulators, toys, pictures, &c., are greatly valued, and subscriptions and donations will be gladly received by the hon. treasurer.

Crescent, Cambridge Street.—When built it was thought that the inhabitants of the handsome edifices here erected would always have an extensive view over gardens and green fields, and certainly if chimney pots and slated roofs constitute a country landscape the present denizens cannot complain. The ground belongs to the Grammar School, the governors of which leased it in 1789 to Mr. Charles Norton, for a term of 120 years, at a ground rent of £155 10s. per year, the lessee to build 34 houses and spend £12,000 thereon; the yearly value now is about £1,800. On the Crescent Wharf is situated the extensive stores of Messrs. Walter Showell & Sons, from whence the daily deliveries of Crosswells Ales are issued to their many Birmingham patrons. Here may be seen, stacked tier upon tier, in long cool vistas, close upon 6,000 casks of varying sizes containing these celebrated ales, beers, and stouts. This stock is kept up by daily supplies from the brewery at Langley Green, many boats being employed in the traffic.

Cricket.—See "*Sports.*"

Crime.—A few local writers like to acknowledge that Birmingham is any worse than other large towns in the matter of crime and criminals, and the old adage respecting the bird that fouls its own nest has been more than once applied to the individuals who have ventured to demur from the boast that ours is *par excellence*, a highly moral, fair-dealing, sober, and superlatively honest community. Notwithstanding the character given it of old, and the everlasting sneer that is connected with the term "*Brummagem*," the fact still remains that our cases of drunkenness are far less than in Liverpool, our petty larcenies fewer than in Leeds, our highway robberies about half compared with Manchester, malicious damage a long way under Sheffield, and robberies from the person not more than a third of those reported in Glasgow; while as to smashing and coining, though it has been flung at us from the time of William of Orange to the present day, that all the bad money ever made *must* be manufactured here, the truth is that five-sixths of the villainous crew who deal in that commodity obtain their supplies from London, and *not* from our little "*hardware village*." But alas! there is a dark side to the picture, indeed, for, according to the Registrar-General's return of June, 1879 (and the proportionate ratio, we are sorry to say, still remains the same), Birmingham holds the unenviable position of being the town where most deaths from violence occur, the annual rate per 1,000 being 1·08 in Birmingham, 0·99 in Liverpool, 0·38 in Sheffield, 0·37 in Portsmouth, the average for the kingdom being even less than that—"the proportional fatality from violence being almost invariably more than twice as large in Birmingham as in Sheffield."

Cross.—In the Bull Ring, when Hutton first came here, a poor wayfarer seeking employ, there was a square building standing on arches called "*The Cross*," or "*Market Cross*," the

lower part giving a small shelter to the few countrywomen who brought their butter and eggs to market, while the chamber above provided accommodation for meetings of a public character. When the Corn Cheaping, the Shambles, and all the other heterogeneous collection of tumbledown shanties and domiciles which in the course of centuries had been allowed to gather round St. Martin's were cleared away, the Market Cross was demolished, and its exact site is hardly ascertainable. At Dale End there was a somewhat similar erection known as the "Welsh Cross," taking its peculiar name, says Hutton, from the locality then called "Welsh End," on account of the number of Welsh people living on that side of the town; though why the "Taffies" were honoured with a distinct little market house of their own is not made clear. This building was taken down in 1803, the 3-dial clock, weathercock, &c., being advertised for sale, October 12, 1802.

Crown.—The old Crown Inn, Deritend, is one of the very few specimens we have of the style of architecture adopted in the days of old, when timber was largely used in place of our modern bricks. Leland mentions the Crown Inn as existing in 1538, and a much longer history than that is claimed for it. In 1817 there was another Old Crown Inn in New Street, on the spot where Hyam's now stands, access to the Cherry Orchard being had through its yard, the right of way thus obtained being the origin of the present Union Passage.

Crystal Palaces.—It was proposed in August, 1853, that the Corporation should join with the Midland Railway Co. and the Corporation of Sutton in the erection of a "Sydenham Palace" in Sutton Park: Birmingham to lease 250 acres for 999 years, at 1s. per acre, and from £20,000 to £30,000 for the building and divide profits, the Midland Railway Co. being willing to make branch from Bromford and run cheap trains. The scheme was highly ap-

proved, but the Suttonites killed the goose that was to lay them such golden eggs by refusing to lease the land for more than ninety-nine years and wanting 20s. per acre rent. In July, 1877, a "Sutton Park Crystal Palace Co. (Lim.)" was registered, with a capital of £25,000 in £5 shares, for buying Mr. Cole's Promenade Gardens, erecting Hotel, Aquarium, Skating Rink, Concert Hall, Winter Gardens, &c., and the shares were readily taken up. Additional grounds were purchased, and though the original plans have not yet been all carried out, a very pleasant resort is to be found there. Day's, in Smallbrook Street, is also called a "Crystal Palace," on account of the style of decoration, and the immense mirror the proprietor purchased from the Hyde Park Exhibition of 1851.

Curzon Hall, built originally for the purposes of the Dog Shows, was opened in 1865. It is the property of a company, and cost about £7,500. The building is well suited and has been often used for exhibitions, panoramas, circus entertainments, &c., the hall being 103ft. long by 91ft. wide; the stage is of the fullest width, with a depth of 45ft. There is room for 3,000 seats.

Danielites.—A tribe who eschew fish, flesh, and fowl, and drink no alcohol; neither do they snuff, smoke, or chew tobacco. At a fruit banquet, held on August, 1877, it was decided to organise a "Garden of Danielites" in Birmingham.

Dates.—The most complete work giving the dates of all the leading events in the world's history is "Haydn's Book of Dates," the latest edition bringing them down to 1882. For local events, the only "Local Book of Dates" published is that of 1874, but "Showell's Dictionary of Birmingham" (by the same author), will be found to contain more reliable data than any book hitherto issued. For information of a general character, respecting the immediate neighbourhood and adjoin-

ing counties, our readers cannot do better than refer to the files of Birmingham newspapers, preserved in the Reference Library, or write to the present editors of the said papers, gentlemen noted for their urbanity, and readiness to tell anybody anything.

Dawson, George. See "*Parsons, Preachers, and Priests*," and "*Statues*."

Deaf and Dumb Asylum.—See "*Philanthropic Institutions*."

Debating Societies.—From time immemorial the Brums have had their little Parliaments, mostly in public-house parlours and clubrooms, and certain Sunday nights gathering at "Bob Edmonds" and other well-known houses have acquired quite an historical interest; but the regularly-constituted "Spouting Clubs" of the present day cannot claim a very long existence, the Birmingham Debating Society having held their first palaver on the 3rd of Dec., 1846. In 1855 they joined the Edghastonians. The latest of the kind started in 1884, is known as the Birmingham Parliamentary Debating Society, and has its premier, parties, and political fights, in proper Parliamentary style.

Deer Stealers.—There was a taste for venison in more classes than one in 1765, for it was found necessary to offer rewards for the detection of those persons who stole the deer from Aston Park.

Dental Hospital.—See "*Hospitals*."

Deodands.—Prior to the passing of 9 and 10 Vict., 1846, Coroner's Juries had the power of imposing a "deodand" or penalty on any article or animal which had been instrumental in causing the death of a human being, the said animal or article being forfeited if the owner did not pay.

Deritend.—In some antique records the name has been spelt "Duratend." For this and other reasons it has been thought to have had its

origin rather from the ancient British, as "dur" is still the Welsh word for water, and its situation on the Rea (a Gaelic word signifying a running stream) seems to give a little foundation therefore. Mr. Toulmin Smith, in whose family the "Old Crown House" has descended from the time it was built, and who, therefore, is no mean authority, was of opinion that the name was formerly "Der-yat-end," or "Deer-Gate-End," from the belief that in ancient days there was here an ancient deer forest. Leland said he entered the town by "Dirtey," so perhaps after all Deritend only means "the dirty end." Like the name of the town itself, as well as several other parts of it, we can only guess at the origin.

Deritend Bridge.—Old records show that some centuries back there was a bridge here of some sort, and occasionally we find notes of payments made for repairs to the roads leading to the gates of the bridge, or to the watchmen who had charge thereof, who appear to have been in the habit of locking the gates at night, a procedure which we fear our "Dirtyent" neighbours of to-day would be inclined to resent. The Act for building the present bridge was obtained in 1784; the work was commenced in 1789, but not completed till 1814.

Dickens, Charles, made his first appearance amongst us at a Polytechnic Conversazione held February 28, 1844, his last visit being to distribute prizes to students of the Midland Institute, January 6, 1870. In December, 1854, he gave the proceeds of three "Readings," amounting to £227, to the funds of the Institute, in which he always took great interest.—See also "*Theatrical Notes*," &c.

Digbeth, or Dyke Path, or Ducks' Bath, another puzzle to the antiquarians. It was evidently a watery place, and the pathway lay low, as may be seen at "Ye Olde Leather Bottel."

Dining Halls.—Our grandfathers were content to take their bread and cheese by the cosy fireside of a public-house kitchen; this was followed by sundry publicans reserving a better room, in which a joint was served up for their "topping customers." One who got into trouble and lost his license, conceived the idea of opposing his successor, and started dining-rooms, sending out for beer as it was required, but *not* to his old shop. This innovation took, and when the railways began bringing in their streams of strangers, these dining-rooms paid well (as several of the old ones do still). The next step was the opening of a large room in Slaney Street (June 8, 1863), and another in Cambridge Street, with the imposing title of "Dining Halls," wherein all who were hungry could be fed at wholesale prices—provided they had the necessary cash. Our people, however, are not sufficiently gregarious to relish this kind of feeding in flocks, barrack-room fashion, and though the provisions were good and cheap, the herding together of all sorts spoilt the speculation, and Dining Halls closed when "Restaurants" opened.—See "*Luncheon Btrs.*"

Diocese.—Birmingham is in the diocese of Worcester, and in the Archdeaconry of Coventry.

Directories.—The oldest Birmingham Directory known was printed in 1770, but there had been one advertised a few years earlier, and every now and then after this date one or other of our few printers ventured to issue what they called a directory, but the procuring a complete list of all and every occupation carried on in Birmingham appears to have been a feat beyond their powers, even sixty years back. As far as they did go, however, the old directories are not uninteresting, as they give us glimpses of trade mutations and changes compared with the present time that appear strange now even to our oldest inhabitants. Place for instance the directory of

1824 by the side of White's directory for 1874 (one of the most valuable and carefully compiled works of the kind yet issued). In the former we find the names of 4,980 tradesmen, the different businesses under which they are allotted numbering only 111; in 1874 the trades and professions named tot up to 745, under which appears no less than 33,462 names. In 1824, if we are to believe the directory, there were no factors here, no fancy repositories, no gardeners or florists, no pearl button makers, no furniture brokers or pawnbrokers (!), no newsagents, and, strange to say, no printer. Photographers and electro-platers were unknown, though fifty years after showed 68 of the one, and 77 of the latter. On the other hand, in 1824, there were 78 augers, awblades and gimlet makers, against 19 in 1874; 14 bellows makers, against 5; 36 buckle and S10 button makers, against 10 and 265; 52 edge tool makers and 176 locksmiths, against 18 of each in 1874; hinge-makers were reduced from 53 to 23; gilt toy makers, from 265 to 15. (Considering the immense quantity of gilt trifles now sent out yearly, we can only account for these figures by supposing the producers to have been entered under various other headings). Among the trades that have vanished altogether, are steelyard makers, of whom there were 19 in 1824; saw-makers, of whom there were 26; tool-makers, of whom there were 79, and similarers, whatever they might have been. Makers of the time-honoured snuffers numbered 46 in 1824, and there were even half-a-dozen manufacturers left at work in 1874. The introduction of gas-lighting only found employ, in the first-named year, for three gasfitters; in 1874, there were close upon 100. Pewterers and manufacturers of articles in Britannia metal numbered 75 in 1824, against 19 in 1874, wire-drawers in the same period coming down from 237 to 56. The Directories of the past ten years have degenerated into mere bulky tomes,

cataloguing names certainly, but published almost solely for the benefit (?) of those tradesmen who can be coaxed into advertising in their pages. To such an extent has this been carried, that it is well for all advertisers to be careful when giving their orders, that they are dealing with an established and respectable firm, more than one bogus Directory having come under the notice of the writer during the past year or two. The issue of a real Post Office Directory for 1882, for which the names, trades, and addresses were to be gathered by the letter-carriers, and no body of men could be more suitable for the work, or be better trusted, was hailed by local tradesmen as a decided step in advance (though little fault could be found with the editions periodically issued by Kelly), but unfortunately the proposed plan was not successfully carried out, and in future years the volume will be principally valued as a curiosity, the wonderfully strange mistakes being made therein of placing the honoured name of Sir Josiah Mason under the head of "Next-of-Kin Enquiry Agents," and that, too, just previous to the exposure of the numerous frauds carried out by one of the so-called agents and its curiousness is considerably enhanced by the fact that a like error had been perpetrated in a recent edition of Kelly's Directory.

Discharged Prisoners' Aid Society in 1882 gave assistance to 642 persons, at an average cost of 9s. 9½d. each.—£315 19s. 4d. £161 16s. 5d. of

this amount came from the convicts' gratuities, while the cost of aiding and helping them took £192 2s.

Dispensary.—Established in 1794; the first stone of the building in Union Street was laid December 23, 1806, and it was opened for the reception of patients early in 1808, the cost being about £3,000. It has been one of the most valuable institutions of the town thousands receiving medical assistance every year, and is supported by voluntary subscriptions. A branch Dispensary was opened in Monument Road, Feb. 27, 1884. Provident Dispensaries, to which members pay a small monthly sum for medicine and attendance were organised in 1878, the first branch being opened at Hockley in October of that year. In the first fifteen months 3,765 individuals paid subscriptions, and about £577 was paid for drugs and doctors fees. There are also branches at Camp Hill and Small Heath.

Dissenters.—In 1836 there were 45 places of worship belonging to various denominations of Dissenters here; there are now about 145.—See "*Places of Worship.*"

Distances from Birmingham to neighbouring places, county towns, trade centres, watering places, &c. Being taken from the shortest railway routes, this list may be used as a guide to the third-class fares—Reckoned at 1d. per mile :—

	Miles.		Miles.		Miles.
Aberdare	111	Arbroath	310	Barrow-in-Furness	160
Aberdeen	437½	Ashbourne	56½	Basingstoke	108½
Abergavenny	79	Ashby-de-la-Zouch	41½	Bath	98½
Abergele	109	Ashton-under-		Battersea	115½
Aberystwith	123½	Lyne	84½	Bedford	82
Acock's Green	4½	Aylesbury	84	Beeston Castle	64½
Albrighton	20	Bala	94	Belper	50
Alcester	24	Banbury	42	Berkswell	13
Aldershot	111½	Bangor	135	Berwick	281
Alnwick	52½	Barnmouth	116	Bescot Junction ...	7½
Alrewas	26	Barnsley	95½	Bettws-y-Coed	134
Alton Towers	52½	Barnstaple	181	Bewdley	22½
Alvechurch	13½	Barnt Green	12	Bilston	9½

	Miles.		Miles.		Miles.
Birkenhead	90	Cleobury Mortimer	29	Forfar	304
Blackburn	113	Clifton Bridge.....	97	Forge Mills	9
Blackpool	124	Coalbrookdale	30	Four Ashes	19
Bletchley	65½	Codsall	16½	Frome	138
Blisworth	49½	Coleford	80	Furness Abbey	158½
Bloxwich	10½	Colleshill	11½	Garstang	115
Bolton	95¼	Colwich	25½	Glasgow	286
Borth	113	Colwyn Bay.....	115	Glastonbury.....	140
Bournemouth.....	173	Congleton	58	Gloucester	56½
Bradford	120½	Conway	120½	Gosport	150
Brecon	95	Coventry	18½	Gravelly Hill.....	3
Bredon	40½	Cradley.....	9	Great Barr	4½
Brette Lane.....	12	Craven Arms	61½	Great Bridge	7
Bridgnorth.....	20	Crewe Junction	54	Grimsby	136½
Bridgewater	127	Croydon	123	Guildford	120
Brierley Hill	11½	Crystal Palace.....	120	Hagley	13½
Brighton.....	163	Darlaston.....	9½	Halesowen	9
Bristol	94	Darlington.....	175½	Halifax	122½
Bromsgrove	16	Deepfields	9½	Hanley	47½
Bromyard	41	Denbigh	97	Harborne	4
Buckingham	70½	Derby	42½	Harlech	126
Bulth Road.....	88	Devizes	143½	Harrowgate	133
Burslem.....	49	Didcot	76	Harrow.....	101
Burton-on-Trent...	32	Dolgelly	106	Hartlebury	22
Bury St. Edmunds	133	Doncaster.....	96½	Hartlepool	186
Bushbury Jnn'tion	13	Dorchester	184	Hastings	192½
Buxton.....	79	Dorking	133	Hatton	17½
Cambridge.....	111½	Droitwich.....	23	Haverfordwest.....	218½
Cannock	15½	Dublin	232	Heath Town	12
Canterbury.....	175½	Dudley	8	Hednesford	17½
Cardiff.....	109	Dumfries	229	Henley-on-Thames	103
Carlisle.....	196	Dundee.....	347	Hereford	57
Carmarthen.....	187½	Dunstable	79	Hertford	108
Carnarvon	143½	Durham	198	Higham Ferrers	69½
Castle Bromwich...	5¾	Edinburgh	297½	High Wycombe	95
Castle Douglas.....	248½	Elgin	450	Hitchin	92
Chapel-en-le-Frith	89	Ely	127	Holyhead.....	159¼
Cheadle	77	Erdington	4½	Holywell	91½
Cheddar.....	115½	Etruria.....	47	Huddersfield	105½
Chelsea.....	110	Evercreech Junc't'n	121	Hull	134
Cheltenham.....	49½	Eveham	34	Hlfracombe	195
Chepstow	84	Exeter	170	Inverness	490
Chester	75	Falmouth.....	286½	Ipswich	167
Chesterfield	65½	Farrington	87	Ironbridge	30
Chippenharn	117	Fearnall Heath	25	James Bridge	9
Chipping Norton...	60	Fenny Compton	34½	Jedburgh	263
Chirk	62½	Fenny Stratford	67	Keighley	116½
Church Stretton...	54	Festiniog	145	Kendal	148
Cinderford	83½	Filey.....	178	Kenilworth	21
Cirencester	84½	Fleetwood	126	Kidderminster	18½
Clapham Junction	113	Flint.....	87½	Kilmarnock.....	278½
Clay Cross	62	Folkestone	202	Kings Heath	5

	Miles.		Miles.		Miles.
Kings Norton	6	Much Wenlock.....	33	Rickmansworth ...	98
Kingstown	226	Nantwich.....	56	Reehdale	104½
Kingswood	13	Neath	105½	Ross	70
Knowle.....	10½	Netherton	8	Rotherham	88
Lancaster	127½	Newark	71½	Round Oak	10½
Langley Green.....	5¼	Newcastle-on-Tyne	215	Rowsley	63½
Leamington.....	21	Newcstle-udr- Lyme	47½	Ruabon.....	67½
Ledbury	43	Newmarket	126	Rugby	30½
Leeds	115	Newport (Salop)...	39	Rugeley	21½
Leicester	39½	Newport (Mon.)...	101	Runcorn	75
Leominster	80	Newton Road	5	Ruthin	116
Lichfield	18	Newton Stewart ...	278	Ryde.....	160
Lincoln	91½	Northallerton	160	St. Alban's	101
Liverpool	97½	Northampton	49	St. Asaph.....	111
Llanberis	143	Northfield	8¾	St. Helens	85½
Llandudno	123	North Shields.....	216½	St. Leonard's	190½
Llanelli	167½	Norwich	181	Salford Priors	28
Llangollen	72½	Nottingham	58	Salisbury	157½
Llanrwst	131	Nuneaton.....	20	Saltburn	191
Llanymynech	69	Oakengates	28½	Sandbach	58½
London	113	Oldbury	5½	Scarboro'	173
Longton	48	Oldham	85	Selly Oak.....	2½
Loughborough.....	50	Olton	5	Sharpness.....	75
Lowestoft.....	201	Oswestry	62½	Sheffield	79
Ludlow.....	69½	Oxford	66	Shepton Mallett ...	152
Lydney	79	Paisley	286	Shifnal	25
Lye Waste	10½	Pelsall	11	Shrewsbury	42
Lynn	135	Pembroke Dock ...	175	Shustoke	12
Macclesfield	66	Penkridge	22¾	Smethwick	3½
Machynllyth	101	Penmaenmawr.....	125	Solihull	6½
Maidenhead... ..	105½	Penrith.....	178	Southampton	139
Maldstone	175½	Penzance	302	Southport.....	107½
Malvern (Great) ...	36½	Perry Barr	4	South Shields	209
Manchester	85	Pershore	43½	Spon Lane	4½
Margate	187	Perth	344	Stafford	29
Market Bosworth ..	27½	Peterborough	96½	Stafford	72
Market Drayton ...	48	Plymouth.....	222½	Stechford	3½
Market Harboro' ..	46	Pontypool	90	Stirchley Street ...	3½
Mariborough	133½	Port Dinorwic.....	139	Stirling	336
Marston Green.....	6½	Portishead	105½	Stockport.....	79
Maryport	224	Portmadoc	134	Stoke	45½
Matlock Bath	59	Portsmouth.....	162½	Stokes Bay	150
Menai Bridge	136	Prestatyn.....	101	Stourbridge	13½
Merthyr	111½	Princes End.....	9½	Stourport	22
Middlesbro'	176	Prollheli	138	Stranraer	301
Milford Haven.....	228	Queen's Ferry	82	Stratford-on-Avon	26
Milverton.....	21	Ramsgate.....	192½	Stroud	70
Mold	87	Reading	93	Sunderland	208
Monmouth	96½	Redcar	189	Sutton Coldfield ...	7
Montrose	401	Redditch	17	Swansea	156½
Moreton-in-Marsh ..	46	Reigate.....	138½	Swan Village	5½
Moseley	3¾	Rhyl.....	105	Swindon	100

	Miles.		Miles.		Miles.
Tamworth	18	Wakefield	101½	Willenhall	11
Taunton	138½	Wallingford.....	84½	Willesdon Junction	107
Teignmouth.....	184	Walsall.....	8	Wilnecote.....	16½
Tenbury	38	Warminster.....	120	Wincanton	130
Tewkesbury.....	44½	Warrington	78	Winchester	127
Thirsk	151	Warwick	21½	Windermere.....	156
Thrapstone	75½	Water Orton	7½	Windsor	113
Tipton	8	Wednesbury	8	Winson Green.....	2½
Torquay	195½	Wednesfield.....	12	Wirksworth.....	56
Towcester.....	54	Weedon	42	Witton.....	3½
Trefnant	113	Welshpool	61	Woburn Sands ...	70
Trentham.....	43	Wellington	32	Wokingham	100
Trowbridge	128	Wells	123	Wolverhampton ..	12
Truro	275½	Wem.....	52	Wolverton	60
Tunbridge Wells...	165	West Bromwich ...	4	Worcester	27½
Tunstall	47	Weston-supr-Mare	114	Worthington	50
Tutbury	37	Weymouth	191	Wrexham.....	72
Ulverstone	152	Whitacre Junction	10½	Wylde Green	6
Uppingham.....	61½	Whitby	187	Yarmouth	201
Upton-on-Severn	49	Whitechurch.....	51	Yeovil	152
Uttoxeter.....	45½	Whitehaven.....	193	York.....	130½
Uxbridge	118	Wigan	91		

Dogs.—A 5s. duty on dogs came into force April 5, 1867; raised to 7s. 6d. in June, 1878; This was not the first tax of the kind, for a local note of the time says that in 1796 "the fields and waters near the town were covered with the dead carcases of dogs destroyed by their owners to avoid payment of the tax." The amount paid per year at present for "dog licenses" in Birmingham is about £1,800. The using of dogs as beasts of burden (common enough now abroad) was put a stop to in London at the end of Oct. 1840, though it was not until 1854 that the prohibition became general. Prior to the passing of the Act in that year, dogs were utilised as draught animals to a very great extent in this neighbourhood by the rag-and-bone gatherers, pedlars, and little merchants, as many as 180 of the poor brutes once being counted in five hours as passing a certain spot on the Westbromwich Road. There have been one or two "homes" for stray dogs opened, but it is best in case of a loss of this kind to give early information at the nearest police station, as the art of dog stealing has latterly been much cultivated in this town, and it should be con-

sidered a duty to one's neighbour to aid in putting a stop thereto.

Dog Shows.—The first local Dog Show was held in 1860, but it was not until the opening in Curzon Hall, December 4, 1865, that the Show took rank as one of the "yearly institutions" of the town.—See "*Exhibitions.*"

Domesday Books.—The so-called Domesday Book, compiled by order of William the Norman Conqueror, has always been considered a wonderful work, and it must have taken some years compiling. Some extracts touching upon the holders of land in this neighbourhood have already been given, and in a sense they are very interesting, showing as they do the then barrenness of the land, and the paucity of inhabitants. Though in Henry VIII.'s reign an inventory of all properties in the hands of Churchmen was taken, it did not include the owners of land in general, and it was not till Mr. John Bright in 1873 moved for the Returns, that a complete register of the kind was made. It would not be easy, even if space could be given to it, to give the list of individuals, companies, and corporation

who claim to be possessors of the land we live on in Birmingham and neighbourhood; but a summary including the owners in this and adjoining counties may be worth preserving. As will be seen by the annexed figures, Warwick and Stafford rank high in the list of counties having large numbers of small owners (small as to extent of ground, though often very valuable from the erections thereon). There can be no doubt that the Freehold Land and Building Societies have had much to do with this, and as Birmingham was for years the headquarters of these Societies, the fact of there being nearly 47,000 persons in the county (out of a total population of 634,189) who own small plots under one acre, speaks well for the steady perseverance of the Warwickshire laids. That we are not wrong in coming to this conclusion is shown by the fact that leaving out the Metropolitan Counties, Warwick heads, in this respect, all the shires in the kingdom.

WARWICKSHIRE.

Owners of	Numbr.	Acres	Extent of estimated lands.	Gross rental.
Less than 1 acre.....	46894	5883	1808897	
1 acre and under 10	1956	7727	93792	
10 acres	59	1328	31485	112423
50 "	100	447	31904	76178
100 "	500	667	187372	398625
500 "	1000	82	55542	134005
1000 "	2000	47	67585	208718
2000 "	5000	34	169185	275701
5000 "	10000	8	53380	98848
10000 "	20000	4	49953	74085
No areas given	49	—	—	43205

Total.....51516 541021 3318303

STAFFORDSHIRE.

Less than 1 acre.....	33672	4289	974133
1 acre and under 10	4062	14164	252714
10 acres	50	1891	44352
50 "	100	544	39015
100 "	500	557	111891
500 "	1000	90	62131
1000 "	2000	79	70637
2000 "	5000	28	99307
5000 "	10000	13	82550
10000 "	20000	7	96700
20000 "	50000	1	21433
No areas given.....	2456	—	606552
No rentals returned....	1	2	—

Total.....43371 688084 3630254

WORCESTERSHIRE.

Less than 1 acre.....	160	8	4733	444945
1 acre and under 10	2790		10136	151922
10 acres	50		1395	31391
50 "	100		457	32605
100 "	500		589	118187
500 "	1000		66	46420
1000 "	2000		34	46794
2000 "	5000		25	73993
5000 "	10000		5	33353
10000 "	20000		3	38343
No areas given	522	—	—	112107

Total.....21804 441061 1685735

Duddeston Hall, and the Holte Family.—The first record of this family we have is towards the close of the thirteenth century when we find mention of Sir Henry Holte, whose son, Hugh del Holte, died in 1322. In 1331 Simon del Holte, styled of Birmingham, purchased the manor of Nechells "in consideration of xl li of silver." In 1365 John atte Holte purchased for "forty marks" the manor of Duddeston, and two years later he became possessed by gift of the manor of Aston. For many generations the family residence was at Duddeston, though their burial place was at Aston, in which church are many of their monuments, the oldest being that of Wm. Holte, who died September 23, 1514. That the Holtes, though untitled, were men of mark, may be seen by the brass in the North Aisle of Aston Church to the memory of Thomas Holte, "Justice of North Wales, and Lord of this town of Aston," who died March 23, 1545. His goods and chattels at his death were valued at £270 6s. 2d.—a very large sum in those days, and from the inventory we find that the Hall contained thirteen sleeping apartments, viz., "the chamber over the buttrie, the chappel chamber, the maydes' chamber, the great chamber, the inner chamber, to the great chamber, the yatchouse chamber, the inner chamber to the same, the geston chamber, the crosse chamber, the inner chamber to the same, the clark's chamber the yoemen's chamber, and the hyne's chamber." The other apartments were "the hawle, the plece, the storehouse,

the galarye, the butterye, the ketchyn, the laiderhowse, the dey-howse, the bakhowse, the bultinge howse, and the yeling howse,"—the "chappell" being also part of the Hall. The principal bedrooms were hung with splendid hangings, those of the great chamber being "of gaye colors, blewe and redde," the other articles in accordance therewith, the contents of this one room being valued at xij li. xiv. s. iiij. l. (£13 14s. 4d.) The household linen comprised "22 damaske and two diapur table clothes" worth 4s.; ten dozen table napkins (40s.); a dozen "fyne towells," 20s.; a dozen "course towells" 6s. 8d.; thirty pair "fyne shetes" £5; twenty-three pair "course shetes" £3; and twenty-six "pillow beres" 20/-. The kitchen contained "potts, chafornes, skymmers, kellets, cressets, gredires, frying pannys, chifying dishes, a brazon mortar with a pestell, stone morters, strykinge knives, broches, racks, brandards, cobberds, pot-hangings, hoeks, a rack of iron, bowles, and payles." The live stock classed among the "moveable goods, consisted of 19 oxen, 28 kyne, 17 young beste, 24 young calves, 12 gots, 4 geldings, 2 mares, 2 naggs and a colte, 229 shepe, 12 swyne, a crane, a turkey cok, and a henne with 3 chekyns"—the lot being valued at £86 0s. 8d. Sir Thomas's marriage with a daughter of the Winnington's brought much property into the family, including lands, &c., "within the townes, villages, and fields of Aston, next Byrmyngham, and Wytton, Mellton Mowlberye (in Leicestershire), Hanse-worthe (which lands did late belonge to the dissolved chambur of Aston), and also the Priory, or Free Chappell of Byrmyngham, with the lands and tenemens belonging thereto, within Byrmyngham aforesaid, and the lordship or manor of the same, within the lordship of Dudeston, together with the lands and tenemens, within the lordship of Nechells, Salteley, sometime belonging to the late dissolved Guild of Derytenne," as well as lands

at "Horborne, Haleshowen, Norfield and Smithewicke." His son Edward, who died in 1592, was succeeded by Sir Thomas Holte (born in 1571; died December, 1654), and the most prominent member of the family. Being one of the deputation to welcome James I to England, in 1603, he received the honour of knighthood; in 1612 he purchased an "Ulster baronetcy," at a cost of £1,095 [this brought the "red hand" into his shield]; and in 1599 he purchased the rectory of Aston for nearly £2,000. In April, 1618, he commenced the erection of Aston Hall, taking up his abode there in 1631, though it was not finished till April, 1635. In 1642 he was honoured with the presence of Charles I., who stopped at the Hall Sunday and Monday, October 16 and 17. [At the battle of Edge Hill Edward Holt, the eldest son, was wounded—he died from fever on Aug. 28, 1643, during the siege of Oxford, aged 43] The day after Christmas, 1643, the old squire was besieged by about 1,200 Parliamentarians from Birmingham (with a few soldiers), but having procured forty musketeers from Dudley Castle, he held the Hall till the third day, when, having killed sixty of his assailants and lost twelve of his own men, he surrendered. The Hall was plundered and he was imprisoned, and what with fines, confiscations, and compounding, his loyalty appears to have cost him nearly £20,000. Sir Thomas had 15 children, but outlived them all save one. He was succeeded in his title by his grandson, Sir Robert, who lived in very straightened circumstances, occasioned by the family's losses during the Civil War, but by whose marriage with the daughter of Lord Brereton the Cheshire property came to his children. He died Oct. 3, 1679, aged 54, and was followed by Sir Charles, who had twelve children and lived till June 15, 1722, his son, Sir Clobery, dying in a few years after (Oct. 24, 1729). Sir Lister Holte, the next baronet, had no

issue, though twice married, and he was succeeded (April 8. 1770), by his brother, Sir Charles, with whom the title expired (March 12, 1782), the principal estates going with his daughter and only child, to the Bracebridge family, as well as a dowry of £20,000. In 1817, an Act of Parliament was obtained for the settlement and part disposal of the whole of the property of this time-honoured and wealthy family—the total acreage being 8,914a. 2r. 23p., and the then annual rental £16,557 0s. 9d.—the Aston estate alone extending from Prospect Row to beyond Erdington Hall, and from Nechells and Saltley to the Costard House and Hay Mill Brook. Several claims have been put forward by collateral branches, both to the title and estates, but the latter were finally disposed of in 1849, when counsel's opinion was given in favour of the settlements made by Sir Lister Hoile, which enabled the property to be disposed of. The claimants to the title have not yet proved their title thereto, sundry registers and certificates of ancient baptisms and marriages being still wanting.

Duddeston Ward Hall.—The name tells what it is for. The first stone was laid Dec. 15, 1877: it was opened June 1, 1878; will seat about 300, and cost £3,500, which was found by a limited Co.

Dungeon.—This very appropriate name was given to the old gaol formerly existing in Peck Lane. A writer, in 1802, described it as a shocking place, the establishment consisting of one day room, two underground dungeons (in which sometimes half-a-dozen persons had to sleep), and six or seven night-rooms, some of them constructed out of the Gaoler's stables. The prisoners were allowed 4d. per day for bread and cheese, which they had to buy from the keeper, who, having a beer license, allowed outsiders to drink with his lodgers. This, and the fact that there was but one day room for males and

females alike, leaves but little to be imagined as to its horrible, filthy condition. Those who could afford to pay 2s. 6d. a week were allowed a bed in the gaoler's house, but had to put up with being chained by each wrist to the sides of the bedsteads all night, and thus forced to lie on their backs. The poor wretches pigged it in straw on the floors of the night rooms. See also "*Gaols*" and "*Prisons*."

Dwarfs.—The first note we have of the visit here of one of these curiosities of mankind is that of Count Borulawski, in 1783: though but 39 inches high it is recorded that he had a sister who could stand under his arm. The next little one, Manetta Stocker, a native of Austria, came here in 1819, and remained with us, there being a tombstone in St. Philip's churchyard bearing this inscription:—

In Memory of MANETTA STOCKER,
Who quitted this life the fourth day of
May, 1819, at the age of thirty-nine
years.

The smallest woman in this kingdom,
and one of the most accomplished.
She was not more than thirty-three inches
high.

She was a native of Austria.

General Tom Thumb (Charles Stratton) was exhibited at Dee's Royal Hotel, in September, 1844, when he was about ten years old, and several times after renewed the acquaintance. He was 31 inches high, and was married to Miss Warren, a lady of an extra inch. The couple had offspring, but the early death of the child put an end to Barnum's attempt to create a race of dwarfs. Tom Thumb died in June 1883. General Mite who was exhibited here last year, was even smaller than Tom Thumb, being but 21 inches in height. Birmingham, however, need not send abroad for specimens of this kind, "*Robin Goodfellow*" chronicling the death on Nov. 27, 1878, of a poor unfortunate named Thomas Field, otherwise the "*Man-baby*," who, though twenty-four years of age, was but 30 inches high and weighed little over 20lbs., and who

had never walked or talked. The curious in such matters may, on warm, sunny mornings, occasionally meet, in the neighbourhood of Bromsgrove Street, a very intelligent little man not much if any bigger than the celebrated Tom Thumb, but who has never been made a show of.

Dynamite Manufacture.—See “*Notable Offences.*”

Ear and Throat Infirmary.—See “*Hospitals.*”

Earthquakes are not of such frequent occurrence in this country as to require much notice. The first we find recorded (said to be the greatest known here) took place in November, 1318; others were felt in this country in May, 1332; April, 1580; November, 1775; November, 1779; November, 1852, and October, 1863.

Easy Row, or **Easy Hill**, as Baskerville delighted to call the spot he had chosen for a residence. When Mr. Hanson was planning out the Town Hall, there were several large elm trees still standing in Easy Row, by the corner of Edmund Street, part of the trees which constituted Baskerville's Park, and in the top branches of which the rooks still built their nests. The entrance to Broad Street had been narrow, and bounded by a lawn enclosed with posts and chains, reaching to the elm trees, but the increase of traffic had necessitated the removal (in 1838) of the grass-plots and the fencing, though the old trees were left until 1847, by which time they were little more than skeletons of trees, the smoky atmosphere having long since stopped all growth.

Eccentrics.—There are just a few now to be found, but in these days of heaven-sent artists and special-born politicians, it would be an invidious task to chronicle their doings, or dilate on their peculiar idiosyncracies, and we will only note a few of the queer characters of the past, leaving to the future historian the fun of laugh-

ing at our men of to-day. In 1828 the man of mark was “Dandie Parker,” a well-to-do seedsman, who, aping Beau Brummel in gait and attire, sought to be the leader of fashion. He was rivalled, a little while after, by one Meyers, to see whom was a sight worth crossing the town, so firm and spruce was he in his favourite dress of white hat and white trousers, dark green or blue coat with gilt buttons, buff waistcoat, and still broad white neckcloth or stock, a gold-headed cane always in hand. By way of contrast to these worthies, at about the same period (1828-30) was one “Muddlepatte Ward,” the head of a family who had located themselves in a gravel pit at the Lozells, and who used to drive about the town with an old carriage drawn by pairs of donkeys and ponies, the harness being composed of odd pieces of old rope, and the whip a hedgestake with a bit of string, the whole turnout being as remarkable for dirt as the first-named “dandies” were for cleanliness.—“Billy Button” was another well-known but most inoffensive character, who died here May 3, 1838. His real name was never published, but he belonged to a good family, and early in life he had been an officer in the Navy (some of his biographers say “a commander”), but lost his senses when returning from a long voyage, on hearing of the sudden death of a young lady to whom he was to have been married, and he always answered to her name, Jessie. He went about singing, and the refrain of one of his favourite songs—

“Oysters, sir! Oysters, sir!

Oysters, sir, I cry;

They are the finest oysters, sir,
That ever you could buy.”

was for years after “Billy Button's” death the nightly “cry” of more than one peripatetic shellfishmonger. The peculiarity that obtained for the poor fellow his *soubriquet* of “Billy Button” arose from the habit he had of sticking every button he could get on to his coat, which at his death, was covered

so thickly (and many buttons were of rare patterns), that it is said to have weighed over 30lbs.—“Jemmy the Rockman,” who died here in September, 1866, in his 85th year, was another well-known figure in our streets for many years. His real name was James Guiduey, and in the course of a soldier's life, he had seen strange countries, and possibly the climates had not in every case agreed with him, for, according to his own account, he had been favoured with a celestial vision, and had received angelic orders no longer to shave, &c. He obtained his living during the latter portion of his existence by retailing a medicinal sweet, which he averred was good for all sorts of coughs and colds.—Robert Sleath, in 1788, was collector at a turnpike gate near Worcester, and, 'tis said, made George III. and all his retinue pay toll. He died here in November, 1804, when the following appeared in print:—

“On Wednesday last, old Robert Sleath
Passed thro' the turnpike gate of Death,
To him Death would no toll abate
Who stopped the King at Wor'ster-gate.”

Eclipses, more or less partial, are of periodical occurrence, though many are not observed in this country. Malmesbury wrote of one in 1410, when people were so frightened that they ran out of their houses. Jan. 12, 1679, there was an eclipse so complete that none could read at noonday when it occurred. May 3, 1715, gave another instance, it being stated that the stars could be seen, and that the birds went to roost at mid-day. The last total eclipse of the sun observed by our local astronomers (if Birmingham had such “plants”) occurred on May 22, 1724. An account of the next one will be found in the *Daily Mail*, of August 12, 1999. On August 17, 1868, there was an eclipse of the sun (though not noticeable here) so perfect that its light was hidden for six minutes, almost the maximum possible interval, and it may be centuries before it occurs again.

Economy.—Our grandfathers, and their fathers, practised economy in every way possible, even to hiring out the able-bodied poor who had to earn the cost of their keep by spinning worsted, &c., and they thought so much of the bright moonlight that they warehoused the oil lamps intended for lighting the streets for a week at a time when the moon was at its full, and never left them burning after eleven o'clock at other times.

Edgbaston.—The name as written in the earliest known deeds, was at first Celbaldston, altered as time went on to Eggebaldston, Eggebaston, and Edgbaston. How long the family held the manor before the Conquest is unknown; but when Domesday Book was written (1086), the occupying tenant was one Drogo, who had two hides of land and half a mile of wood, worth 20s.; 325 acres were set down as being cultivated, though there were only ten residents. The Edgbastons held it from the lords of Birmingham, and they, in turn, from the lords of Dudley. Further than the family records the place has no history, only 100 years ago Calthorpe Road being nothing but a fieldpath, and Church Road, Vicarage Road, and Westbourne Road merely narrow lanes. After the opening up of these and other roads, building sites were eagerly sought by the more moneyed class of our local magnates, and the number of inhabitants now are sufficient to people a fair-sized town. In 1801 the population was under 1,000; in 1811, just over that number; in 1851, it was 9,269; in 1861, 12,900; in 1871, 17,442, and on last census day, 29,951; showing an increase of more than 1,000 a year at the present time; while what the rentals may amount to is only known inside “the estate office.” Some writers say that the parish church dates from about the year 775. The earliest register book is that for 1635, which escaped the notice of Cromwell's soldiers, who nearly destroyed the church in 1648; and from an entry in

the register of St. Sepulchre's Church, Northampton, for 1659, it would appear that there were collections made towards repairing the damage done by those worthies. This entry quaintly states that "seven shillings and sixpence" was received towards the repairs of the church of Edge Barston, in the county of Warwick, adding also that there was "never a minister in the said parish."

Edgbaston Hall.—The last of the Edgbastons was a lady by whose marriage the Middlemores came into possession, and for nearly three hundred years the old house echoed the footsteps of their descendants. In the troublous times of the Commonwealth, Edgbaston House and Church were seized by Colonel John Fox, the latter building being used as a stable for his horses, and the former garrisoned by the soldiers kept there to over-awe the gentry and loyal subjects of the country, to whom "Tinker Fox," as he was dubbed, was a continual terror. This worthy carried on so roughly that even the "Committee of Safety" (never particularly noted for kindness or even honesty) were ashamed of him, and restored the place to its owner, Robert Middlemore, the last of the name. By the marriages of his two grand-daughters the estate was divided, but the portion including the manor of Edgbaston was afterwards purchased by Sir Richard Gough, Knight, who gave £25,000 for it. In the meantime the old house had been destroyed by those peace-loving Brums, who, in December, 1688, razed to the ground the newly-built Catholic Church and Convent in Masshouse Lane, their excuse being that they feared the hatred Papists would find refuge at Edgbaston. Sir Richard (who died February 9, 1727) rebuilt the Manor House and the Church in 1717-18, and enclosed the Park. His son Henry was created a Baronet, and had for his second wife the only daughter of Reginald Calthorpe, Esq., of Elvetham,

in Hampshire. Sir Henry Gough died June 8, 1774, and his widow on the 13th of April, 1782, and on the latter event taking place, their son, who succeeded to the estates of both his parents, took his mother's family name of Calthorpe, and in 1796 was created a peer under the title of Baron Calthorpe, of Calthorpe, county Norfolk. Edgbaston Hall has not been occupied by any of the owners since the decease of Lady Gough, 1782.

Edgbaston Pool covers an area of twenty-two acres, three rods, and thirty-six poles.

Edgbaston Street.—One of the most ancient streets in the Borough, having been the original road from the parish church and the Manor-house of the Lords de Bermingham to their neighbours at Edgbaston. It was the first paved street of the town, and the chosen residence of the principal and most wealthy burgesses, a fact proved by its being known in King John's reign as "Egebaston Strete," the word "strete" in those days meaning a paved way in cities or towns. This is further shown by the small plots into which the land was divided and the number of owners named from time to time in ancient deeds, the yearly rentals, even in Henry VIII's time being from 3s. to 5s. per year. At the back of the lower side of Edgbaston Street, were several tanneries, there being a stream of water running from the moat round the Parsonage-house to the Manor-house moat, the watercourse being now known as Dean Street and Smithfield Passage.

Electric Light.—The light of the future. The first public exhibition of lighting by electricity, was introduced by Maccabe, a ventriloquial entertainer of the public, at the entrance of Curzon Hall, September 30, 1878. On the 28th of the following month, the novelty appeared at the Lower Grounds, on the occasion of a football match at night, the kick-off and lighting-up taking place at seven o'clock. At the

last Musical Festival, the Town Hall was lit up by Messrs. Whitfield, of Cambridge-street, and the novelty is no longer a rarity, a company having been formed to supply the houses, shops, and public buildings in the centre of the town.

Electro Plate.—As early as 1838, Messrs. Elkington were in the habit of coating ornaments with gold and silver by dipping them in various solutions of those metals, and the first patent taken out for the electro process appears to be that of July 6, 1838, for covering copper and brass with zinc. Mr. John Wright, a surgeon, of this town, was the first to use the alkaline cyanides, and the process was included in Elkington's patent of March 25, 1840. The use of electricity from magnets instead of the voltaic battery was patented by J. S. Wolrich, in August, 1842. His father was probably the first person who deposited metals for any practical purpose by means of the galvanic battery. Mr. Elkington applied the electro-deposit process to gilding and silverplating in 1840.—See "*Trades*," &c.

Electoral Returns.—See "*Parliamentary*."

Emigration.—In August, 1794, Mr. Russell, of Moor Green, and a magistrate for the counties of Warwick and Worcester, with his two brothers and their families, Mr. Humphries, of Camp Hill Villa, with a number of his relatives, and over a hundred other Birmingham families emigrated to America. Previous to this date we have no record of anything like an emigration movement from this town, though it is a matter of history how strenuously Matthew Boulton and other manufacturers exerted themselves to *prevent* the emigration of artisans and work-people, fearing that our colonies would be enriched at the expense of the mother country. How sadly the times were changed in 1840, may be imagined from the fact that when free passages to Australia were first being offered, no

less than 10,000 persons applied unsuccessfully from this town and neighbourhood alone. At the present time it is calculated that passages to America, Canada, Australia, &c., are being taken up here at an average of 3,000 a year.

Erdington.—Another of the ancient places (named in the Domesday Book as Hardington) surrounding Birmingham and which ranked as high in those days of old, though now but like one of our suburbs, four miles on the road to Sutton Coldfield. Erdington Hall, in the reign of Henry II., was the moated and fortified abode of the family of that name, and their intermarriages with the De Berminghams, &c., connected them with our local history in many ways. Though the family, according to Dugdale and others, had a chapel of their own, the hamlet appertained to the parish of Aston, to the mother church of which one Henry de Erdington added an isle, and the family arms long appeared in the heraldic tracery of its windows. Erdington Church (St. Barnabas) was built in 1823, as a chapel of ease to Aston, and it was not until 1858 that the district was formed into a separate and distinct ecclesiastical parish, the vicar of Aston being the patron of the living. In addition to the chapel at Oscott, the Catholics have here one of the most handsome places of worship in the district, erected in 1850 at a cost of over £20,000, a Monastery, &c., being connected therewith. Erdington, which has doubled its population within the last twenty years, has its Public Hall and Literary Institute, erected in 1864, Police Station, Post Office, and several chapels, in addition to the almshouses and orphanage, erected by Sir Josiah Mason, noticed in another part of this work. See also "*Population Tables*," &c.

Estate Agents.—For the purposes of general business, Kelly's Directory will be found the best reference. The office for the Calthorpe estate is at 65

Hagley Road; for the William Dudley Trust estates, at Imperial Chambers B, Colmore Row; for the Great Western Railway properties at 103, Great Charles Street; for the Heathfield Estate in Heathfield Road, Handsworth; for the Horton (Isaac) properties at 11, Colmore Row; Sir Joseph Mason's estate at the Orphanage, Erdington.

Exchange.—Corner of Stephenson Place and New Street, having a frontage of 61 feet to the latter, and 186 feet to the former. The foundation stone was laid January 2, 1863, the architect being Mr. Edward Holmes, and the building was opened January 2, 1865, the original cost being a little under £20,000. It has since been enlarged (1876-78) to nearly twice the original size, under the direction of Mr. J. A. Chatwin. The property and speculation of a private company, it was (December 2, 1880) incorporated, under the Joint Stock Companies' Act, and returns a fair dividend on the capital expended. In addition to the Exchange and Chamber of Commerce proper, with the usual secretarial and committee rooms appertaining thereto, refreshment, billiard, and retiring rooms, &c., there is a large assembly-room, frequently used for balls, concerts, and entertainments of a public character. The dimensions of the principal hall are 70 feet length, 40 feet width, with a height of 23 feet, the assembly-room above being same size, but loftier. The central tower is 110 feet high, the turret, in which there was placed a clock made by John Inshaw, to be moved by electro-magnetic power (but which is now only noted for its incorrectness), rising some 45 feet above the cornice. Other portions of the building are let off in offices.

Excise.—It is but rarely the Inland Revenue authorities give the public any information showing the amount of taxes gathered in by the officials, and the return, therefore, for the year ending March 31, 1879, laid before the House of Commons, is worth pre-

serving, so far as the Birmingham collection goes. The total sum which passed through the local office amounted to £89,321, the various headings under which the payments were entered, being:—Beer dealers, £2,245; beer retailers, £7,161; spirit dealers, £1,617; spirit retailers, £8,901; wine dealers, £874; wine retailers, £2,392; brewers, £9,518; maltsters, £108; dealers in roasted malt, £17; manufacturers of tobacco, £147; dealers in tobacco, £1,462; rectifiers of spirits, £11; makers of methylated spirits, £10; retailers of methylated spirits, £33; vinegar makers, £26; chemists and others using stills, £4; male servants, £1,094; dogs, £1,786; carriages, £1,613; armorial bearings, £374; guns, £116; to kill game, £1,523; to deal in game, £136; refreshment houses, £366; makers and dealers in sweets, £13; retailers of sweets, £12; hawkers and pedlars, £68; appraisers and house agents, £132; auctioneers, £1,210; pawnbrokers, £1,953; dealers in plate, £1,749; gold and silver plate duty, £17,691; medicine vendors, £66; inhabited house duty, £21,533.

The Excise (or Inland Revenue) Offices are in Waterloo Street, and are open daily from 10 to 4.

Excursions.—The annual trip to the sea-side, or the continent, or some other attractive spot, which has come to be considered almost an essential necessary for the due preservation of health and the sweetening of temper, was a thing altogether unknown to the old folks of our town, who, if by chance they could get as far as Lichfield, Worcester, or Coventry once in their lives, never ceased to talk about it as something wonderful. The "outing" of a lot of factory hands was an event to be chronicled in *Aris's Gazette*, whose scribes duly noted the horses and vehicles (not forgetting the master of the band, without whom the "gipsy party" could not be complete), and the destination was seldom indeed further than the Lickey, or Marston

Green, or at rarer intervals, Sutton Coldfield or Hagley. Well-to-do tradesmen and employers of labour were satisfied with a few hours spent at some of the old-style Tea Gardens, or the Crown and Cushion, at Perry Barr, Aston Cross or Tavern, Kirby's, or the New Inn, at Handsworth, &c. The Saturday half-holiday movement, which came soon after the introduction of the railways, may be reckoned as starting the excursion era proper, and the first Saturday afternoon trip (in 1854) to the Earl of Bradford's, at Castle Bromwich, was an eventful episode even in the life of George Dawson, who accompanied the trippers. The railway trips of the late past and present seasons are beyond enumeration, and it needs not to be said that anyone with a little spare cash can now be whisked where'er he wills, from John-o'-Groats to the Land's End, for a less sum than our fathers paid to see the Shrewsbury Show, or Lady Godiva's ride at Coventry. As it was 'a new departure,' and for future reference, we will note that the first five-shilling Saturday-night-to-Monday-morning trip to Llandudno came off on August 14, 1880. The railway companies do not fail to give ample notice of all long excursions, and for those who prefer the pleasant places in our own district, there is a most interesting publication to be had for 6d., entitled "The Birmingham Saturday Half-holiday Guide," wherein much valuable information is given respecting the nooks and corners of Warwick and Worcester, and their hills and dales.

Executions.—In 1729 a man was hung on Gibbett Hill, site of Oscott College, for murder and highway robbery. Catherine Evans was hung February 8, 1742, for the murder of her husband in this town. At the Summer Assizes in 1773, James Duckworth, hopfactor and grocer, of this town, was sentenced to death for counterfeiting and diminishing the gold coin. He was supposed to be one

of the heaviest men in the county, weighing over twenty-four stone. He died strongly protesting his innocence. On the 22nd Nov., 1780, Wilfrid Barwick, a butcher, was robbed and murdered near the four mile stone on the Coleshill Road. The culprits were two soldiers, named John Hammond (an American by birth) and Thomas Pitmore (a native of Cheshire) but well known as "Jack and Tom," drummer and fifer in the recruiting service here. They were brought before the magistrates at the old Public Office in Dale End; committed; and in due course tried and sentenced at Warwick to be hanged and gibbeted on Washwood Heath, near the scene of the murder. The sentence was carried out April 2, 1781, the bodies hanging on the gibbet in chains a short time, until they were surreptitiously removed by some humanitarian friends who did not approve of the exhibition. What became of the bodies was not known until the morning of Thursday, Jan. 20, 1842, when the navvies employed on the Birmingham and Derby (now Midland) railway came upon the two skeletons still environed in chains when they were removing a quantity of earth for the embankment. The skeletons were afterwards re-interred under an apple-tree in the garden of the Adderley Arms, Saltley, and the gibbet-irons were taken as rarities to the Aston Tavern, where, possibly, inquisitive relic-mongers may now see them. Four persons were hung for highway robbery near Aston Park, April 2, 1790. Seven men were hung at Warwick, in 1800, for forgery, and one for sheep-stealing. They hang people at that time for crimes which are now punished by imprisonment or short periods of penal servitude, but there was little mercy combined with the justice then, and what small portion there happened to be was never doled out in cases where the heinous offence of forgery had been proved. On Easter Monday (April 19), 1802, there was another hanging match

at Waslwood Heath, no less than eight unfortunate wretches suffering the penalty of the law for committing forgeries and other crimes in this neighbourhood. There would seem to have been some little excitement in respect to this wholesale slaughter, and perhaps fears of a rescue were entertained, for there were on guard 240 of the King's Dragoon Guards, then stationed at our Barracks, under the command of Lieut.-Col. Toovey Hawley, besides a detachment sent from Coventry as escort with the prisoners. The last public execution here under the old laws was that of Philip Matsell, who was sentenced to be hanged for shooting a watchman named Twyford, on the night of July 22, 1806. An *alibi* was set up in defence, and though it was unsuccessful, circumstances afterwards came to light tending to prove that though Matsell was a desperado of the worst kind, who had long kept clear of the punishments he had deserved, in this instance he suffered for another. There was a disreputable gang with one of whom, Kate Pedley, Matsell had formed an intimate connection, who had a grudge against Twyford on account of his interfering and preventing several robberies they had planned, and it is said that it was his paramour, Kit Pedley, who really shot Twyford, having dressed herself in Matsell's clothes while he was in a state of drunkenness. However, he was convicted and brought here (Aug 23), from Warwick, sitting on his coffin in an open cart, to be executed at the bottom of Great Charles Street. The scaffold was a rough platform about ten feet high, the gallows rising from the centre thereof, Matsell having to stand upon some steps while the rope was adjusted round his neck. During this operation he managed to kick his shoes off among the crowd, having sworn that he would never die with his shoes on, as he had been many a time told would be his fate. The first execution at Winson Green Gaol was that of Henry Kimber-

ley (March 17, 1885) for the murder of Mrs. Palmer.

Exhibitions.—It has long been matter of wonder to intelligent foreigners that the "Toyshop of the World" ("Workshop of the World" would be nearer the mark) has never organised a permanent exhibition of its myriad manufactures. There is not a city, or town, and hardly a country in the universe that could better build, fit up, or furnish such a place than Birmingham; and unless it is from the short-sighted policy of keeping samples and patterns from the view of rivals in trade—a fallacious idea in these days of commercial travellers and town agencies—it must be acknowledged our merchants and manufacturers are not keeping up with the times in this respect. Why should Birmingham be without its Crystal Palace of Industry when there is hardly an article used by man or woman (save food and dress materials) but what is made in her workshops? We have the men, we have the iron, and we have the money, too! And it is to be hoped that ere many years are over, some of our great guns will see their way to construct a local Exhibition that shall attract people from the very ends of the earth to this "Mecca" of ours. As it is, from the grand old days of Boulton and his wonderful Soho, down to to-day, there has been hardly a Prince or potentate, white, black, copper, or coffee coloured, who has visited England, but that have come to peep at our workshops, mayor after mayor having the "honour" to toady to them and trot them round the back streets and slums to where the men of the bench, the file, and the hammer have been diligently working generation after generation, for the fame and the name of our world-known town. As a mere money speculation such a show-room must pay, and the first cost, though it might be heavy, would soon be recouped by the influx of visitors, the increase of orders, and the advancement of trade that would result. There *have* been a few exhibi-

tions held here of one sort and another, but nothing on the plan suggested above. The first on our file is that held at the Shakespeare rooms early in 1839, when a few good pictures and sundry specimens of manufactures were shown. This was followed by the comprehensive Mechanics' Institute Exhibition opened in Newhall Street, December 19th, same year, which was a success in every way, the collection of mechanical models, machinery, chemical and scientific productions, curiosities, &c., being extensive and valuable; it remained open thirteen weeks. In the following year this exhibition was revived (August 11, 1840), but so far as the Institute, for whose benefit it was intended, was concerned, it had been better if never held, for it proved a loss, and only helped towards the collapse of the Institute, which closed in 1841. Railway carriages and tramcars propelled by electricity are the latest wonders of 1883: but just three-and-forty years back, one of our townsmen, Mr. Henry Shaw, had invented an "electro-galvanic railway carriage and tender," which formed one of the attractions of this Exhibition. It went very well until injured by (it is supposed) some spiteful nincompoop who, not having the brain to invent anything himself, tried to prevent others doing so. The next Exhibition, or, to be more strictly correct, "Exposition of Art and Manufactures," was held in the old residence of the Lloyd's family, known as Bingley House, standing in its own grounds a little back from Broad Street, and on the site of the present Bingley Hall. This was in 1849, and from the fact of its being visited (Nov. 12) by Prince Albert, who is generally credited with being the originator of International Exhibitions, it is believed that here he obtained the first ideas which led to the great "World's Fair" of

1851, in Hyde Park.—Following the opening of Aston Hall by Her Majesty in 1858, many gentlemen of position placed their treasures of art and art manufacture at the disposal of the Committee for a time, and the result was the collecting together of so rich a store that the London papers pronounced it to be after the "Great Exhibition" and the Manchester one, the most successful, both as regarded contents and attendance, of any Exhibition theretofore held out of the Metropolis. There were specimens of some of the greatest achievements in the arts of painting, sculpture, porcelain and pottery, carving and enamelling; ancient and modern metalwork, rich old furniture, armour, &c., that had ever been gathered together, and there can be little doubt that the advance which has since taken place in the scientific and artistic trade circles of the town spring in great measure from this Exhibition.—On the 28th of August, 1865, an Industrial Exhibition was opened at Bingley Hall, and so far as attendance went, it must take first rank, 160,645 visitors having passed the doors.

Agricultural Exhibitions.—The Birmingham Agricultural Exhibition Society, who own Bingley Hall, is the same body as the old Cattle Show Society, the modern name being adopted in 1871. As stated elsewhere, the first Cattle Show was held in Kent Street, Dec. 10, 1849; the second in Bingley Hall, which was erected almost solely for the purposes of this Society, and here they have acquired the name of being the best in the kingdom. To give the statistics of entries, sales, admissions, and receipts at all the Shows since 1849, would take more space than can be afforded, and though the totals would give an idea of the immense influence such Exhibitions must have on the welfare and prosperity of the agricultural community, the figures themselves would be but dry reading, and those for the past few years will suffice.

	1877.	1878.	1879.	1880.	1881.	1882.	1883.
Cattle	113	125	152	108	161	150	101
Sheep	69	91	61	47	88	85	75
Pigs	64	73	52	60	58	67	69
Corn	27	58	29	36	55	67	66
Roots	94	112	175	182	124	131	117
Potatoes	76	116	138	88	104	96	187
Poultry	2077	2149	2197	2247	2 09	2489	2816
Pigeons	629	715	702	815	902	838	1332
	3149	3439	3505	3583	3901	3923	4763
No. of Visitors ...	53,501	65,830	47,321	55,361	50,225		
Receipts	£1,673	£1,997	£1,206	£1,585	£1,815	£1,665	

In addition to the Christmas Cattle Show, the Society commenced in March, 1869, a separate exhibition and sale of pure-bred shorthorns, more than 400 beasts of this class being sent every year. Indeed, the last show is said to have been the largest ever held in any country. The value of the medals, cups, and prizes awarded at these cattle shows averages nearly £2,400 per year, many of them being either subscribed for or given by local firms and gentlemen interested in the breeding or rearing of live stock. One of the principal of these prizes is the Elkington Challenge Cup, valued at 100 guineas, which, after being won

by various exhibitors during the past ten years, was secured at the last show by Mr. John Price, who had fulfilled the requirements of the donors by winning it three times. Messrs. Elkington & Co. have most liberally given another cup of the same value. In 1876, for the first time since its establishment in 1839, the Royal Agricultural Society held its exhibition here, the ground allotted for its use being seventy acres at the rear of Aston Hall, twenty-five acres being part of the Park itself. That it was most successful may be gathered from the fact that over 265,000 persons visited the show, which lasted from July 19th to 24th.

Poultry forms part of the Bingley Hall Exhibition, and numerically the largest portion thereof, as per the table of entries, which is well worth preserving also for showing when new classes of birds have been first penned :

	1876	1877	1878	1879	1880	1881	1882
Brahma Pootras	407	258	366	376	362	439	429
Dorkings	167	178	229	209	194	238	277
Cochin	331	415	412	433	421	431	412
Lang-shans	—	—	—	49	66	49	47
Malay	63	38	49	47	43	35	43
Creve Cœur	93	117	94	38	28	33	24
Houdans	—	—	—	56	65	54	71
La Fleche	—	—	—	—	—	—	12
Spanish	48	33	45	27	32	31	37
Audalusians	—	—	—	16	23	29	43
Leghorns	—	—	—	25	12	20	17
Plymouth Rocks	—	—	—	—	—	17	20
Minorcas	—	—	7	8	6	9	3
Polish	78	76	98	91	83	98	63
Sultans	—	—	—	6	7	8	6
Silks	—	—	—	—	—	11	7
Game	351	341	314	241	267	287	353
Aseels	—	—	—	27	28	20	11
Hamburghs	148	175	145	159	129	141	153
Other Breeds	35	47	126	20	20	21	7
Selling Classes	—	—	—	66	90	93	102
Bantams	95	63	82	70	105	96	105
Ducks	100	102	115	137	163	144	141
Geese	21	21	31	22	31	21	23
Turkeys	95	96	52	82	67	81	60
Pigeons	670	629	715	702	815	903	838
Total	2073	2569	2873	2809	3062	3316	3325

Fanciers give wonderfully strange prices sometimes. Cochins China fowls had but lately been introduced, and were therefore "the rage" in 1851-2. At the Poultry Show in the latter year

a pair of these birds were sold for £30, and at a sale by auction afterwards two prize birds were knocked down at £40 each: it was said that the sellers crowed louder than the roosters.

Fine Art.—The first exhibition of pictures took place in 1814, and the second in 1827. In addition to the Spring and Autumn Exhibitions at the New Street Rooms, there is now a yearly show of pictures by the members of the "Art Circle," a society established in 1877, for promoting friendship among young local artists; their first opening was on Nov. 28, at 19, Temple Row. On Nov. 17, 1879, Mr. Thrupp commenced a yearly exhibition of China paintings, to which the lady artists contributed 243 specimens of their skill in decorating porcelain and china.

Horses and hounds.—The first exhibition of these took place at the Lower Grounds, Aug. 12, 1879. There had been a Horse Show at Bingley Hall for several years prior to 1876, but it had dropped out for want of support.

Birds.—An exhibition of canaries and other song birds, was held Aug. 18, 1874. Another was held in 1882, at the time of the Cattle Show.

Pigeons.—The first exhibition of pigeons in connection with the Birmingham Columbarian Society, took place in Dec., 1864. The annual Spring pigeon show at the Repository, opened March 20, 1878. There have also been several at St. James' Hall, the first dating Sept. 24, 1874.

Dogs.—Like the Cattle Show, the original Birmingham Dog Show has extended its sphere, and is now known as the National Exhibition of Sporting and other Dogs. The show takes place in Curzon Hall, and the dates are always the same as for the agricultural show in Bingley Hall. There is yearly accommodation for 1,000 entries, and it is seldom that a less number is exhibited, the prices being numerous, as well as valuable. At the meeting

of the subscribers held July 19, 1883, it was resolved to form a new representative body, to be called the National Dog Club, having for its object the improvement of dogs, dog shows, and dog trials, and the formation of a national court of appeal on all matters in dispute. It was also resolved to publish a revised and correct stud book, to include all exhibitions where 400 dogs and upwards were shown, and to continue it annually, the Council having guaranteed £150, the estimated cost of the publication of the book. This step was taken in consequence of the action of certain members of the Kennel Club, who passed what had been called "The Boycotting Rules," calling upon its members to abstain from either exhibiting or judging at shows which were not under Kennel Club rules, and excluding winning dogs at such shows from being entered in the Kennel Club Stud Book, many of the principal exhibitors being dissatisfied with such arbitrary proceedings, evidently intended to injure the Birmingham shows. At each show there are classes for bloodhounds, deerhounds, greyhounds, otterhounds, beagles, fox terriers, pointers, English setters, black-and-tan setters, Irish setters, retrievers, Irish spaniels, water spaniels (best Irish), Clumber spaniels, Sussex spaniels, spaniels (black), ditto (other than black), dachshunds, basset hounds, foreign sporting dogs, mastiffs, St. Bernards, Newfoundlands, sheep dogs, Dalmatians, bulldogs, bull-terriers, smooth-haired terriers, black-and-tan terriers (large), small ditto black-and-tan terriers with uncut ears, Skye-terriers, Dandie Dinmonts, Bedlington terriers, Irish terriers, Airedale or Waterside terriers, wire-haired terriers, Scotch terriers (hard haired), Yorkshire terriers, Pomeranians, pugs, Maltese, Italian greyhounds, Blenheim spaniels, King Charles spaniels, smooth-haired toy spaniels, broken-haired ditto, large and small sized foreign dogs.

Sales of Receipts No. of Dogs, at doors, Visitors	1876. 1877. 1878. 1879. 1880. 1881. 1882.									
	14981 17948 19500 14399 16796 16849 15901									
	£664 £740 £820 £580 £728 £714 £618									
	£556 £367 £485 £554 £586 £474 £465									

In 1879, the exhibition of guns and sporting implements was introduced, an additional attraction which made no difference financially, or in the number of visitors.

Sporting.—An exhibition of requisites and appliances in connection with sports and pastimes of all kinds was opened in Bingley Hall, Aug 28, 1882. In addition to guns and ammunition, bicycles and tricycles, there were exhibited boats, carriages, billiard tables, &c.

Dairy Utensils.—The first of these exhibitions, June, 1880, attracted considerable attention for its novelty. It is held yearly in Bingley Hall.

Bees.—An exhibition of bees, beehives, and other apiary appliances took place at the Botanical Gardens, in Aug., 1879.

Food and Drinks.—A week's exhibition of food, wines, spirits, temperance beverages, brewing utensils, machinery, fittings, stoves and appliances, was held in Bingley Hall, December 12-20, 1881.

Building.—A trades exhibition of all kinds of building material, machinery, &c., was held in 1882.

Bicycles, &c.—The Speedwell Club began their annual exhibition of bicycles, tricycles, and their accessories in February, 1882, when about 300 machines were shown. In the following year the number was nearly 400; in 1884, more than 500; in 1885, 600.

Roots.—Messrs. Webb, of Wordsley, occupied Curzon Hall, November 20, 1878, with an exhibition of prize roots, grown by their customers.

Fruit, Flowers, &c.—The first flower show we have note of was

on June 19, 1833. The first chrysanthemum show was in 1860. The first Birmingham rose show in 1874 (at Aston); the second, five years later, at Bingley Hall. The Harborne gooseberry-growers have shown up every year since 1815, and the cultivators of *pommes de terre* in the same neighbourhood first laid their tables in public in Sept., 1879.

Exhibitions of 1851 and 1862.

—Even as Birmingham may be said to have given the first idea for the "Great Exhibition" of 1851, so it had most to do with the building thereof, the great palace in Hyde Park being commenced by Messrs. Fox, Henderson & Co., July 26, 1850, and it was finished in nine months at a total cost of £176,031. In its erection there were used 4 000 tons of iron, 6,000,000 cubic feet of wood-work, and 31 acres of sheet glass, requiring the work of 1,800 men to put it together. 237 local exhibitors applied for space amounting to 22,070 sup feet, namely, 10,183 feet of flooring, 4,932 feet of table area, and 6,255 feet of wall space. The "glory" of this exhibition was the great crystal fountain in the centre, manufactured by Messrs. Osler, of Broad Street, a work of art till then never surpassed in the world's history of glass-making and glass cutting, and which now pours forth its waters in one of the lily tanks in Sydenham Palace. Many rare specimens of Birmingham manufacture besides were there, and the metropolis of the Midlands had cause to be proud of the works of her sons thus exhibited. Fewer manufacturers sent their samples to the exhibition of 1862, but there was no falling off in their beauty or design. The Birmingham Small Arms trophy was a great attraction.

Explosions.—That many deplorable accidents should occur during the course of manufacturing such dangerous articles as gun caps and cartridges cannot be matter of surprise, and, perhaps, on the whole, those named in the following list may be considered as

not more than the average number to be expected:—Two lives were lost by explosion of fulminating powder in St. Mary's Square, Aug. 4, 1823.—Oct. 16, same year, there was a gunpowder explosion in Lionel Street.—Two were killed by fireworks at the Rocket Tavern, Little Charles Street, May 2, 1834.—An explosion at Saltley Carriage Works, Dec. 20, 1849.—Two injured at the Proof House, Sept. 23, 1850.—Five by detonating powder in Cheapside, Feb. 14, 1852.—Thirty-one were injured by gas explosion at Workhouse, Oct. 30, 1855.—Several from same cause at corner of Hope Street, March 11, 1856.—A cap explosion took place at Ludlow's, Legge Street, July 28, 1859.—Another at Phillips and Pursall's, Whittall Street, Sept. 27, 1852, when twenty-one persons lost their lives.—Another in Graham Street June 21, 1862, with eight deaths.—Boiler burst at Spring Hill, Nov. 23, 1859, injuring seven.—An explosion in the Magazine at the Barracks, March 8, 1864, killed Quartermaster McBean.—At Kynoch's, Witton, Nov. 17, 1870, resulting in 8 deaths and 28 injured.—At Ludlow's ammunition factory, Dec. 9, 1870, when 17 were killed and 53 injured, of whom 34 more died before Christmas.—At Witton, July 1, 1872, when Westley Richards' manager was killed.—At Hobb Lane, May 11, 1874.—Of gas, in great Lister Street, Dec. 9, 1874.—Of fulminate, in the Green Lane, May 4, 1876, a youth being killed.—Of gas, at St. James's Hall, Snow Hill, Dec. 4, and at Avery's, Moat Row, Dec. 31, 1878.—At a match manufactory, Phillip Street, Oct. 28, 1879, when Mr. Bermingham and a workman were injured.

Eye Hospital.—See "*Hospitals.*"

Fairs.—The officers of the Court Leet, whose duty it was to walk in procession and "proclaim" the fairs, went through their last performance of the kind at Michaelmas, 1851. It was proposed to abolish the fairs in 1860, but the final order was not given until

June 8th, 1875. Of late years there have been fairs held on the open grounds on the Aston outskirts of the borough, but the "fun of the fair" is altogether different now to what it used to be. The original charters for the holding of fairs at Whitsuntide and Michaelmas were granted to William de Bermingham by Henry III. in 1251. These fairs were doubtless at one time of great importance, but the introduction of railways did away with seven-tenths of their utility and the remainder was more nuisance than profit. As a note of the trade done at one time we may just preserve the item that in 1782 there were 56 waggon loads of onions brought into the fair.

Family Fortunes.—Hutton in his "History," with that quaint prolixity which was his peculiar proclivity gives numerous instances of the rise and fall of families connected with Birmingham. In addition to the original family of De Birmingham, now utterly extinct he traced back many others then and now well-known names. For instance he tells us that a predecessor of the Colmores in Henry VIII.'s reign kept a mercer's shop at No. 1, High Street; that the founder of the Bowyer Adderley family began life in a small way in this his native town in the 14th century; that the Foxalls sprang from a Digbeth tanner some 480 years ago; and so of others. Had he lived till now he might have largely increased his roll of local millionaires with such names as Gillott, Muntz, Mason, Rylands, &c. On the other hand he relates how some of the old families, whose names were as household words among the ancient aristocracy, have come to nought; how that he had himself charitably relieved the descendants of the Norman Mountourds, Middemores and Bracebridges, and how that the sole boast of a descendant of the Saxon Earls of Warwick was in his day the fact of his grandfather having "kept several cows and sold

milk." It is but a few years back since the present writer saw the last direct descendant of the Holtes working as a compositor in one of the newspaper offices of this town, and almost any day there was to be seen in the streets a truck with the name painted on of "Charles Holte Brackbridge, Licensed Hawker!"

Famines—In the year 310, it is said that 40,000 persons died in this country from famine. It is not known whether any "Bruins" existed then. In 1195 wheat was so scarce that it sold for 20s. the quarter; ten years after, it was only 12d. In 1438, the times were so hard that people eat bread made from fern roots. In 1565, a famine prevailed throughout the kingdom.

Fashionable Quarter.—Edgbaston is our "West End," of which Thomas Ragg (before he was ordained) thus wrote:—

———— Glorious suburbs Hong
May ye remain to bless the ancient town
Whose crown ye are; rewarder of the
eates
Of those who toil amid the din and smoke
Of iron ribbed and hardy Birmingham.
And may ye long be suburbs, keeping still
Business at distance from your green re-
treats.

Feasts, Feeds, and Tea-fights.

—Like other Englishmen, when we have a good opinion of people we ask them to dinner, and the number of public breakfasts, dinners, teas, and suppers on our record is wonderful. We give a few of the most interesting:—3,800 persons dined with our first M.P.'s, Attwood and Scholefield, at Beardsworth's Repository, Sept. 15, 1834. —A Reform banquet was the attraction in the Town Hall, Jan. 28, 1836. —Members and friends of the 'Chartist Church' kept their Christmas festival, by taking tea in Town Hall, Dec. 28, 1841. —1,700 Anti-Cornlawites (John Bright among them) did ditto Jan. 22, 1843. —The defeat of an obnoxious Police Bill lead 900 persons to banquet

together April 9, 1845.—A banquet in honour of Charles Dickens opened the year 1853.—The first anniversary of the Loyal and Constitutional Association was celebrated by the dining of 848 loyal subjects, Dec. 17, 1855.—A dinner was given to 1,200 poor folks in Bingley Hall, Jan. 25, 1858, to make them remember the marriage of the Princess Royal. Those who were not poor kept the game alive at Dee's Hotel.—John Bright was dined in Town Hall, Oct. 29, 1858.—A party of New Zealand chiefs were stuffed at same place, March 16, 1864.—To celebrate the opening of a Dining Hall in Cambridge Street, a public dinner was given on All Fools' Day, 1864.—On the 23rd April following, about 150 gentlemen breakfasted with the Mayor, in honour of the Shakespeare Library being presented to the town.—The purchase of Aston Park was celebrated by a banquet, Sept. 22, 1864.—Over a hundred beilingers, at Nock's Hotel, 1868, had their clappers set wagging by Blews and Sons, in honour of the first peal of bells cast by them, and now in Bishop Ryder's Church.—The Master Bakers, who have been baking dinners for the public so long, in December, 1874, commenced an annual series of dinners among themselves, at which neither baked meats, nor even baked potatoes, are allowed.—Of political and quasi-political banquets, there have been many of late years, but as the parties have, in most cases, simply been gathered for party purposes, their remembrance is not worth keeping.—To help pay for improvements at General Hospital, there was a dinner at the Great Western Hotel, June 4, 1868, and when the plate was sent round, it received £4,000. That was the best, and there the list must close.

Females.—The fairer portion of our local community number (census 1881) 210,050, as against 197,954 males, a preponderance of 12,096. In 1871 the ladies outnumbered us by

8,515, and it would be an interesting question how this extra ratio arises, though as one half of the superabundant petticoats are to be found in Edgbaston it may possibly only be taken as a mark of local prosperity, and that more female servants are employed than formerly.—See "*Population Tables*."

Fenianism.—It was deemed necessary in Jan., 1881, to place guards of soldiers at the Tower and Small Arms Factory, but the Fenians did not trouble us; though later on a very pretty manufactory of dynamite was discovered in Ledsam Street.—See "*Notable Offences*."

Ferrars.—The De Ferrars were at one time Lords of the Manor, Edmund de Ferrars dying in 1438. The ancient public-house sign of "The Three Horseshoes" was taken from their coat of arms.

Festivals.—Notes of the past Triennial Musical Festivals for which Birmingham is so famous, the performances, and the many great artistes who have taken part therein, will be found further on.

Fetes were held in Aston Park July 27, and September 15, 1856, for the benefit of the Queen's and General Hospitals, realising therefor £2,330. The first to "Save Aston Hall" took place August 17, 1857, when a profit of £570 was made. There have been many since then, but more of the private speculation class, Sangers' so-called fête at Camp Hill, June 27, 1874, being the first of their outdoor hippodrome performances.

Fires.—When Prince Rupert's soldiers set fire to the town, in 1643, no less than 155 houses were burned.—Early in 1751 about £500 worth of wool was burned at Alcock's, in Edgbaston Street.—May 24, 1759, the stage waggon to Worcester was set on fire by the bursting of a bottle of aquafortis, and the contents of the waggon, valued at £5,000, were destroyed.—

In November, 1772, Mr. Crowne's hop and cheese warehouse, top of Carr's Lane, was lessened £100 in value.—The Theatre Royal was burned August 24, 1791, and again January 6, 1820.—Jerusalem Temple, Newhall Hill, was burned March 10, 1793.—St. Peter's Church suffered January 24, 1831.—There was a great blaze at Bolton's timber yard, Broad Street, May 27, 1841.—At the Manor House, Balsall Heath, in 1848.—Among Onion's bellows, in March, 1853.—At the General Hospital, December 24, 1853.—At the Spread Eagle Concert Hall, May 5, 1855.—At a builder's in Alcester Street, October 4, 1858.—At Aston Brook Flour mill, June 1, 1862, with £10,000 damage.—At Lowden & Beeton's, High Street, January 3, 1863; the firm were prosecuted as incendiaries.—At Gamson's Tavern, Hill Street, December 25, 1863; six lives lost.—On the stage at Holder's, July 3, 1865; two billet dancers died from fright and injuries.—At Baskerville Sawmills, September 7, 1867.—In Sutton Park, August 4, 1868.—In a menagerie in Carr's Lane, January 25, 1870.—At Dowler's Pume Works, March 16.—In Denmark Street, May 23; two children burned.—At Worcester Wharf, June 2, 1870; two men burnt.—At Warwick Castle, Dec. 3, 1871.—At Smith's hay and strawyard, Crescent, through lightning, July 25, 1872.—In Sherbourne Street, June 25, 1874, and same day in Friston Street; two men burned.—At the hatter's shop in Temple Street, Nov. 25, 1875.—At Tipper's Mystery Works, May 16, and at Holford Mill, Perry Barr, August 3, 1876.—At Icke and Co.'s, Lawley Street, May 17, 1877; £2,500 damage.—At Adam's colour warehouse, Suffolk Street, October 13, 1877; £10,000 damage.—In Bloomsbury Street, September 29, 1877; an old man burned.—In Lichfield Road, November 26, 1877; two horses, a cow, and 25 pigs roasted.—January 25, 1878, was a hot day, there being four fires in 15 hours.—At Hayne's flour mill, Icknield Port Road, Feb. 2, 1878, with

£10,000 damage; first time steam fire engine was used.—At Baker Bros', match manufactory, Freeth Street, February 11.—At Grew's and at Cund's printers, March 16, 1878; both places being set on fire by a vengeful thief; £2,000 joint damage.—At corner of Bow Street, July 29, 1878.—At Denison's shop, opposite Museum Concert Hall, August 26, 1878, when Mrs. Denison, her baby, her sister, and a servant girl lost their lives. The inquest terminated on September 30 (or rather at one o'clock next morning), when a verdict of "accidental death" was given in the case of the infant, who had been dropped during an attempted rescue, and with respect to the others that they had died from suffocation caused by a fire designedly lighted, but by whom the jury had not sufficient evidence to say. Great fault was found with the management of the fire brigade, a conflict of authority between them and the police giving rise to very unpleasant feelings. At Cadbury's cocoa manufactory, November 23, 1878. In Legge Street, at a gun implement maker's, December 14, 1878; £600 damage.—And same day at a gun maker's, Whittall Street; £300 damage.—At Hawkes's looking-glass manufactory, Bromsgrove Street, January 8, 1879; £20,000 damage.—The Reference Library, January 11, 1879 (a most rueful day); damage incalculable and irreparable.—At Hinks and Sons' lamp works, January 30, 1879; £15,000 damage.—At the Small Arms Factory, Adderley Road, November 11, 1879; a fireman injured.—At Grimsell and Sons', Tower Street, May 5, 1880; over £5,000 damage.—Ward's cabinet manufactory, Bissell Street, April 11, 1885.

Firearms.—See "*Trades.*"

Fire Brigades.—A volunteer brigade, to help at fires, was organised here in February 1836, but as the several companies, after introducing their engines, found it best to pay a regular staff to work them, the volunteers, for

the time, went to the "right about." In 1863 a more pretentious attempt to constitute a public or volunteer brigade of firemen, was made, the members assembling for duty on the 21st of February, the Norwich Union engine house being the headquarters; but the novelty wore off as the uniforms got shabby, and the work was left to the old hands, until the Corporation took the matter in hand.

A Volunteer Fire Brigade for Aston was formed at the close of 1878, and its rules approved by the Local Board on Jan. 7, 1879. They attended and did good service at the burning of the Reference Library on the following Saturday. August 23, 1879 the Aston boys, with three and twenty other brigades from various parts of the country, held a kind of efficiency competition at the Lower Grounds, and being something new in it attracted many. The Birmingham brigade were kept at home, possibly on account of the anniversary of the Digbeth fire. Balsall Heath and Harborne are also supplied with their own brigades, and an Association of Midland Brigades has lately been formed which held their first drill in the Priory, April 28, 1883.

Fire Engines.—In 1839 the Birmingham Fire Office had two engines, very handsome specimens of the article too, being profusely decorated with wooden battle axes, iron scroll-work, &c. One of these engines was painted in many colours; but the other a plain drab, the latter it was laughingly said, being kept for the Society of Friends, the former for society at large. The first time a "portable" or hand engine was used here was on the occurrence of a fire in a tobaccoist's shop in Cheapside Oct. 29, 1850. The steam fire engine was brought here in Oct. 1877.—See "*Fire Engine Stations*" under "*Public Buildings.*"

Fire Grates.—The first oven grate used in this district was introduced in a house at "the City of Nineveh"

about the year 1818, and created quite a sensation.

Fire Insurance Companies.—The Birmingham dates its establishment from March 1805. All the companies now in existence are more or less represented here by agents, and no one need be uninsured long, as their offices are so thick on the ground round Bennet's Hill and Colmore Row, that it has been seriously suggested the latter thoroughfare should be re-christened and be called Insurance Street. It was an agent who had the assurance to propose the change.

Fish.—In April, 1838, a local company was floated for the purpose of bringing fish from London and Liverpool. It began swimmingly, but fish didn't swim to Birmingham, and though several other attempts have been made to form companies of similar character, the trade has been kept altogether in private hands, and to judge from the sparkling rings to be seen on the hands of the ladies who condescend to sell us our matutinal bloaters in the Market Hall, the business is a pretty good one—and who dare say those *dames de ville* are not also pretty and good? The supply of fish to this town, as given by the late Mr. Hanman, averaged from 50 to 200 tons per day (one day in June, 1879, 238 tons came from Grimsby alone) or, each in its proper season, nearly as follows:—Mackerel, 2,000 boxes of about 2 cwt. each; herrings, 2,000 barrels of $1\frac{1}{2}$ cwt. each; salmon, 400 boxes of $2\frac{1}{2}$ cwt. each; lobsters, 15 to 20 barrels of 1 cwt. each; crabs, 50 to 60 barrels of $1\frac{1}{4}$ cwt. each; plaice, 1,500 packages of 2 cwt. each; codfish, 200 barrels of 2 cwt. each; conger eels, 20 barrels of 2 cwt. each; skate, 10 to 20 barrels of 2 cwt. each.—See “*Markets.*”

Fishing.—There is very little scope for the practice of Isaac Walton's craft near to Birmingham, and lovers of the gentle art must go farther afield to meet with good sport. The only spots within walking distance are the pools

at Aston Park and Lower Grounds, at Aston Tavern, at Bournbrook Hotel (or, as it is better known, Kirby's), and at Pebble Mill, in most of which may be found perch, roach, carp, and pike. At Pebble Mill, March 20, last year, a pike was captured 40 inches long, and weighing 22lbs., but that was a finny rarity, and not likely to be met with there again, as the pool (so long the last resort of suicidally-inclined mortals is to be filled up. A little farther off are waters at Sarehole, at Yardley Wood, and the reservoir at King's Norton, but with these exceptions anglers must travel to their destinations by rail. There is good fishing at Sutton Coldfield, Barnt Green (for reservoir at Tardebigge), Alcester, Shustoke, Salford Priors, and other places within a score of miles, but free fishing nowhere. Anyone desirous of real sport should join the Birmingham and Midland Piscatorial Association (established June, 1878), which rents portions of the river Trent and other waters. This society early in 1880, tried their hands at artificial salmon-hatchling, one of the tanks of the aquarium at Aston Lower Grounds being placed at their disposal. They were successful in bringing some thousand or more of their interesting proteges from the ova into fish shape, but we cannot find the market prices for salmon or trout at all reduced.

Fishmongers' Hall.—Not being satisfied with the accommodation provided for them in the Fish Market, the Fish and Game Dealers' Association, at their first annual meeting (Feb. 13, 1878), proposed to erect a Fishmongers' Hall, but they did not carry out their intention.

Flogging.—In “the good old days,” when George the Third was King, it was not very uncommon for malefactors to be flogged through the streets, tied to the tail end of a cart. In 1786 several persons, who had been sentenced at the Assizes, were brought back here and so whipped through

the town; and in one instance, where a young man had been caught filching from the Mint, the culprit was taken to Soho works, and in the factory yard, there stripped and flogged by "Black Jack," of the Dungeon, as a warning to his fellow-workmen. This style of punishment would hardly do now, but if some few of the present race of "roughs" could be treated to a dose of "the cat" now and then, it might add considerably to the peace and comfort of the borough. Flogging by proxy was not unknown in some of the old scholastic establishments, but whipping a scarecrow seems to have been the amusement on February 26th, 1842, when Sir Robert Peel, at that day a sad delinquent politically, was publicly flogged in effigy.

Floods.—The milldams at Sutton burst their banks, July 24, 1668, and many houses were swept away.—On the 24th November, 1703, a three days' storm arose which extended over the whole kingdom; many parts of the Midlands being flooded and immense damage caused, farmers' live stock especially suffering. 15,000 sheep were drowned in one par of Gloucestershire; several men and hundreds of sheep near to Worcester; the losses in Leicestershire and Staffordshire being also enormous. Though there is no local record respecting it here, there can be little doubt that the inhabitants had their share of the miseries.—July 2, 1759, a man and several horses were drowned in a flood near Meriden.—Heavy rains caused great floods here in January, 1764.—On April 13, 1792, a waterspout, at the Lickey Hills, turned the Rea into a torrent.—The lower parts of the town were flooded through the heavy rain of June 26, 1830.—There were floods in Deritend and Bordesley, Nov. 11, 1852.—June 23, 1861, parts of Aston, Digbeth, and the Parade were swamped.—Feb. 8, 1865, Hockley was flooded through the bursting of the Canal banks; and a similar accident to the Worcester Canal, May 25, 1872,

laid the roads and gardens about Wheeley's Road under water.—There were very heavy rains in July and October, 1875, causing much damage in the lower parts of the town.—Aug. 2 and 3, 1879, many parts of the outskirts were flooded, in comparatively the shortest time in memory.

Flour Mills.—The Union Mill Co. (now known as the Old Union, &c.) was formed early in 1796, with a capital of £7,000 in £1 shares, each shareholder being required to take a given amount of bread per week. Though at starting it was announced that the undertaking was not intended for profit, such were the advantages derived from the operations of the Company that the shareholders, it is said, in addition to a dividend of 10 per cent., received in the course of a couple of years a benefit equal to 600 per cent. in the shape of reduced prices. Large dividends have at times been received, but a slightly different tale is now told.—The New Union Mill was started in 1810; the Snow Hill Mill about 1781; the Britannia Mills in 1862.

Fly Vans.—"Fly Boats" to the various places connected with Birmingham by the canals were not sufficient for our townspeople seventy years ago, and an opposition to the coaches started in 1821, in the shape of Fly Vans or light Post Waggon, was hailed with glee. These Fly Vans left the Crescent Wharf (where Showell and Sons' Stores are now) three evenings a week, and reached Sheffield the following day. This was the first introduction of a regular "parcels post," though the authorities would not allow of anything like a letter being sent with a parcel, if they knew it.

Foolish Wager.—On July 8, 1758, for a wager, a man named Morson got over the battlements of the tower at St. Martin's, and safely let himself down to the ground (a distance of 73 feet) without rope or ladder, his strength of muscle enabling him to reach from

cornerstone to cornerstone, and cling thereto as he descended.

Football.—See "*Sports.*"

Forgeries.—The manufacture of bogus bank-notes was carried on here, at one time, to an alarming extent, and even fifty years ago, though he was too slippery a fish for the authorities to lay hold of, it was well-known there was a clever engraver in the Inkleys who would copy anything put before him for the merest trifle, even though the punishment was most severe. Under "*Notable Offences*" will be found several cases of interest in this peculiar line of business.

Forks.—Our ancestors did without them, using their fingers. Queen Elizabeth had several sent to her from Spain, but she seldom used them, and we may be quite sure it was long after that ere the taper fingers of the fair Bruns ceased to convey the tidbits to their lips. Even that sapient sovereign, James I., the Scotch Solomon, did not use the foreign invention, believing possibly with the preacher who denounced them in the pulpit that it was an insult to the Almighty to touch the meat prepared for food with anything but one's own fingers. Later on, when the coaches began to throng the road, gentlemen were in the habit of carrying with them their own knife and fork for use, so seldom were the latter articles to be found at the country inns, and the use of forks cannot be said to have become general more than a hundred years ago.

Forward.—The self-appropriated motto of our borough, chosen at one of the earliest committee meetings of the Town Council in 1839. Mr. William Middlemore is said to have proposed the use of the word as being preferable to any Latin, though "*Vox populi, vox Dei*," and other like appropriate mottoes, have been suggested. Like all good things, however, the honour of originating this motto has been contested, the name of Robert Crump

Mason having been given as its author.

Fogs.—Bad as it may be now and then in the neighbourhood of some of our works, if there is one thing in nature we can boast of more than another, it is our comparatively clear atmosphere, and it is seldom that we are troubled with fogs of any kind. In this respect, at all events, the Midland metropolis is better off than its Middlesex namesake, with its "London particular," as Mr. Guppy calls it. But there was one day (17th) in December, 1879, when we were, by some atmospheric phenomena, treated to such "a peasouper" that we must note it as being the curiosity of the day, the street traffic being put a stop to while the fog lasted.

Folk-lore.—Funny old sayings are to be met with among the quips and quirks of "folk-lore" that tickled the fancies of our grandfathers. The following is to be found with several changes, but it is too good to be lost:—

"Sutton for nutton,
Tanworth for beeves,
Walsall for knockknees,
And Brummagem for thieves."

Fountains.—Messrs. Messenger and Sons designed, executed, and erected, to order of the Street Commissioners, in 1851, a very neat, and for the situation, appropriate, fountain in the centre of the Market Hall, but which has since been removed to Highgate Park, where it appears sadly out of place.

The poor little boys, without any clothes,
Looking in winter as if they were froze.

A number of small drinking-fountains or taps have been presented to the town by benevolent persons (one of the neatest being that put up at the expense of Mr. William White in Bristol Road in 1876), and granite cattle-troughs are to be found in Constitution Hill, Icknield Street, Easy Row, Albert Street, Gosta Green, Five Ways, &c. In July, 1876, Miss Ryland paid

for the erection of a very handsome fountain at the bottom of Bradford Street, in near proximity to the Smith field. It is so constructed as to be available for quenching the thirst not only of human travellers, but also of horses, dogs, &c., and on this account it has been appropriately handed over to the care of the Society for the Prevention of Cruelty to Animals. It is composed of granite, and as it is surmounted by a gas lamp, it is, in more senses than one, both useful and ornamental.—The fountain in connection with the Chamberlain Memorial, at back of Town Hall, is computed to throw out five million gallons of water per annum (ten hours per day), a part of which is utilised at the fishstalls in the markets. The Water Committee have lately put up an ornamental fountain in Hagley Road, in connection with the pipe supply for that neighbourhood.

Foxalls.—For centuries one of the most prosperous of our local families, having large tanneries in Di both as far back as 1570; afterwards as cutlers and ironmongers down to a hundred years ago. They were also owners of the Old Swan, the famous coaching house, and which it is believed was the inn that Prince Rupert and his officers came to when Thomas, the ostler, was shot, through officiously offering to take their horses.

Fox Hunts.—With the exception of the annual exhibition of fox-hounds and other sporting dogs, Birmingham has not much to do with hunting matters, though formerly a red coat or two might often have been seen in the outskirts riding to meets not far away. On one occasion, however, as told the writer by one of these old inhabitants whose memories are our historical textbooks, the inhabitants of Digbeth and Deritend were treated to the sight of a hunt in full cry. It was a nice winter's morning of 1806, when Mr. Reynard sought to save his brush by taking a straight course down the Coventry

Road right into town. The astonishment of the shop-keepers may be imagined when the rush of dogs and horses passed rattling by. Round the corner, down Bordesley High Street, past the Crown and Church, over the bridge and away for the Shambles and Corn Cheeping went the fox, and close to his heels followed the hounds, who caught their prey at last near to The Board. "S.D.R.," in one of his chatty gossips anent the old taverns of Birmingham, tells of a somewhat similar scene from the Quinton side of the town, the bait, however, being not a fox, but the trail-scent of a strong red herring, dragged at his stirrup, in wicked devilry, by one of the well-known hunters of old Joe Lindon's. Still, we *have* had fox-hunts of our own, one of the valpine crew being killed in St. Mary's Churchyard, Feb. 26, 1873, while another was captured (Sept. 11, 1883) by some navvies at work on the extension of New Street Station. The fox, which was a young one, was found asleep in one of the subways, though how he got to such a strange dormitory is a puzzle, and he gave a quarter-hour's good sport before being secured.

Freemasons.—See "*Masonic.*"

Freeth, the Poet.—The first time Freeth's name appears in the public prints is in connection with a dinner given at his coffee-house, April 17, 1770, to celebrate Wilkes' release from prison. He died September 29, 1808, aged 77, and was buried in the Old Meeting House, the following lines being graved on his tombstone:—

"Free and easy through life 'twas his wish to proceed,
Good men he revered, whatever their creed,
His pride was a sociable evening to spend,
For no man loved better his pipe and his friend."

Friendly Societies are not of modern origin, traces of many having been found in ancient Greek inscriptions. The Romans also had similar

societies, Mr. Tomkins, the chief clerk of the Registrar-General, having found and deciphered the accounts of one at Lannivium, the entrance fee to which was 100 sesterces (about 15s.), and an amphora (or jar) of wine. The payments were equivalent to 2s. a year, or 2d. per month, the funeral money being 45s., a fixed portion, 7s. 6d. being set apart for distribution at the burning of the body. Members who did not pay up promptly were struck off the list, and the secretaries and treasurers, when funds were short, went to their own pockets.—The first Act for regulating Friendly Societies was passed in 1795. Few towns in England have more sick and benefit clubs than Birmingham, there not being many public-houses without one attached to them, and scarcely a manufactory minus its special fund for like purposes. The larger societies, of course, have many branches (lodges, courts, &c.), and it would be a difficult matter to particularise them all, or even arrive at the aggregate number of their members, which, however, cannot be much less than 50,000; and, if to these we add the large number of what may be styled “annual gift clubs” (the money in hand being divided every year), we may safely put the total at something like 70,000 persons who take this method of providing for a rainy day. The following notes respecting local societies have been culled from blue books, annual reports, and private special information, the latter being difficult to arrive at, in consequence of that curious reticence observable in the character of officials of all sorts, club stewards included.

Artisans at Large.—In March, 1868, the Birmingham artisans who reported on the Paris Exhibition of 1867, formed themselves into a society “to consider and discuss, from an artisan point of view, all such subjects as specially affect the artisan class; to promote and seek to obtain all such measures, legislative or otherwise, as shall appear beneficial to that class; and to render

to each other mutual assistance, counsel, or encouragement.” Very good, indeed! The benefits which have arisen from the formation of this society are doubtless many, but as the writer has never yet seen a report, he cannot record the value of the mutual assistance rendered, or say what capital is left over of the original fund of counsel and encouragement.

Barbers.—A few knights of the razor in 1869 met together and formed a “Philanthropic Society of Hairdressers,” but though these gentlemen are proverbial for their gossiping propensities, they tell no tales out of school, and of their charity boast not.

Butchers.—A Butchers’ Benefit and Benevolent Association was founded in 1877.

Coaldealers.—The salesmen of black diamonds have a mutual benefit association, but as the secretary declines to give any information, we fear the mutual benefit consists solely of helping each other to keep the prices up.

Common Street Male Adult Provident Institution was established in 1841. At the expiration of 1877 there were 8,994 members, with a balance in hand of £72,956 15s. 5d. The total received from members to that date amounted to £184,900, out of which £131,400 had been returned in sick pay and funeral benefits, the payments out varying from 4s. to 20s. a week in sickness, with a funeral benefit of £20, £8 being allowed on the death of a wife.

Carr’s Lane Provident Institution was commenced in 1845, and has 299 male and 323 female members, with a capital of £5,488, the amount paid in 1883 on account of sickness being £242, with £54 funeral money.

Chemistry.—A Midland Counties’ Chemists’ Association was formed in May, 1869.

Christ Church Provident Institution was established in 1835, and at the end of 1883, there were 646 male and 591 female members; during the year £423 had been paid among 138 members on

account of sickness, besides £25 for funerals. Capital about £5,800. A junior or Sunday school branch also exists.

Church of the Saviour Provident Institution was started in 1857.

Church School Teachers.—The Birmingham and District Branch of the Church Schoolmaster's and Schoolmistresses' Benevolent Institution was formed in 1866, and the members contribute about £250 per year to the funds.

Druids.—The order of Druids has five Lodges here, with nearly 400 members. The United Ancient Order of Druids has twenty-one Lodges, and about 1,400 members.

Ebenezer Chapel Sick Society was established in 1828. Has 135 members, whose yearly payments average 32s. 6d., out of which 17s. dividend at Christmas comes back, the benefits being 10s. a week in sickness and £10 at death.

Foresters.—In 1745 a few Yorkshiremen started "The Ancient Order of Royal Foresters," under which title the associated Courts remained until 1834, when a split took place. The secessionists, who gave the name of "Honour" to their No. 1 Court (at Ashton-under-Lyne), declined the honour of calling themselves "Royal," but still adhered to the antique part of their cognomen. The new "Ancient Order of Foresters" thrived well, and, leaving their "Royal" friends far away in the background, now number 560,000 members, who meet in nearly 7,000 Courts. In the Birmingham Midland District there are 62 courts, with about 6,200 members, the Court funds amounting to £29,900, and the District funds to £2,200. The oldest Court in this town is the "Child of the Forest," meeting at the Gem Vaults, Steelhouse Lane, which was instituted in 1839. The other Courts meet at the Crown and Anchor, Gem Street; Roebuck, Lower Hurst Street; Queen's Arms, Easy Row; White Swan, Church Street;

Red Cow, Horse Fair; Crown, Broad Street; White Hart, Warstone Lane; Rose and Crown, Summer Row; Red Lion, Suffolk Street; Old Crown, Deritend; Hope and Anchor, Coleshill Street; Black Horse, Ashted Row; Colemore Arms, Latimer Street South; Anchor, Bradford Street; Army and Navy Inn, Great Brook Street; Red Lion, Smallbrook Street; Union Mill Inn, Holt Street; Vine, Lichfield Road; Wellington, Holliday Street; Ryland Arms, Ryland Street; Star and Garter, Great Hampton Row; Oak Tree, Selly Oak; Station Inn, Saltley Road; Drovers' Arms, Bradford Street; Old Nelson, Great Lister Street; Ivy Green, Edward Street; Iron House, Moor Street; Green Man, Harborne; Fountain, Wrentham Street; King's Arms, Sherlock Street; Shareholders' Arms, Park Lane; Shakespeare's Head, Livery Street; Criterion, Hurst Street; Acorn, Friston Street; Hen and Chickens, Graham Street; Albion, Aston Road; Dog and Partridge, Tindal Street; White Horse, Great Colmore Street; Carpenters' Arms, Adelaide Street; Small Arms Inn, Muntz Street; Weymouth Arms, Gerrard Street; General Hotel, Tonk Street; Railway Tavern, Hockley; Noah's Ark, Montague Street; Sportsman, Warwick Road; Roebuck, Monument Road; Bull's Head, Moseley; Swan Inn, Coleshill; Hare and Hounds, King's Heath; Roebuck, Erdington; Fox and Grapes, Pensnett; Hazelwell Tavern, Stinchley Street; Round Oak and New Inn, Brierley Hill; The Stores, Oldbury; and at the Crosswells Inn, Five Ways, Langley.

General Provident and Benevolent Institution was at first (1833) an amalgamation of several Sunday School societies. It has a number of branches, and appears to be in a flourishing condition, the assets, at end of 1883, amounting to over £48,000, with a yearly increment of about £1,400; the number of members in the medical fund being 5,112.

Grocers.—These gentlemen organised a Benevolent Society, in 1872.

Independent Order of Rechabites.—Dwellers in tents, and drinkers of no wine, were the original Rechabites, and there are about a score of "tents" in this district, the oldest being pitched in this town in 1839, and, as friendly societies, they appear to be doing, in their way, good service, like their friends who meet in "courts" and "lodges," the original "tent's" cash-box having £675 in hand for cases of sickness, while the combined camp holds £1,600 wherewith to bury their dead.

Jewellers' Benevolent Association dates from Oct. 25, 1867.

Medical.—A Midland Medical Benevolent Society has been in existence since 1821. The annual report to end of 1883 showed invested funds amounting to £10,937, there being 265 benefit members and 15 honorary.

Musical.—The Birmingham Musical Society consists almost solely of members of the Choral Society, whose fines, with small subscriptions from honorary members, furnishes a fund to cover rehearsal, and sundry choir expenses as well as 10s in cases of sickness.

New Meeting Provident Institution was founded in 1836, but is now connected with the Church of the Messiah. A little over a thousand members, one-third of whom are females.

Oddfellows.—The National Independent Order of Oddfellows, Birmingham Branch, was started about 1850. At the end of 1879 there were 1,019 members, with about £14,500 accumulated funds.

The Birmingham District of the Manchester Unity of Oddfellows in January, 1882, consisted of 43 lodges, comprising 4,297 members, the combined capital of sick and funeral funds being £42,210. The oldest Lodge in the District is the "Briton's Pride," which was opened in 1827.

The first Oddfellows' Hall was in King Street, but was removed when

New Street Station was built. The new Oddfellows' Hall in Upper Temple Street was built in 1849, by Branson and Gwyther, from the designs of Coe and Goodwin (Lewisham, Kent), at a cost of £3,000. The opening was celebrated by a dinner on December 3rd, same year. The "Hall" will accommodate 1,000 persons. The Oddfellows' Biennial Moveable Committee met in this town on May 29th, 1871.

The M. U. Lodges meet at the following houses:—Fox, Fox Street; White Horse, Congreve Street; Swan-with-two-Necks, Great Brook Street; Albion, Cato Street North; Hope and Anchor, Colleshill Street; 13, Temple Street; Wagon and Horses, Edgbaston Street; Crystal Palace, Six Ways, Smethwick; The Vine, Harborne; Prince Arthur, Arthur Street, Small Heath; George Hotel, High Street, Solihull; Bell, Phillip Street; Bull's Head, Digbeth; Edgbaston Tavern, Lee Bank, Road; The Stork, Fowler Street, Nechells; Three Tuns, Digbeth; Town Hall, Sutton Coldfield; Coffee House, Bell Street; Coach and Horses, Snow Hill; Roe Buck, Moor Street; Drivers' Arms, Bradford Street; Co-operative Meeting Room, Stirehley Street; Black Lion, Colleshill Street; Queen's Head, Handsworth; No. 1 Coffee House, Rolfe Street, Smethwick; New Inn, Selby Oak; Wagon and Horses, Greet; Talbot, Yardley; Stracen's Head, Edgbaston Street; Dolphin, Unett Street; Grand Turk, Ludgate Hill; Roebuck, Moor Street; White Swan, Church Street; White Lion, Thorpe Street; Queen's Arms, Easy Row; Rose and Crown, Wheeler Street, Lozells.

The National Independent Order was instituted in 1845, and registered under the Friendly Societies' Act, 1875. The Order numbers over 60,000 members, but its strongholds appear to be in Yorkshire and Lancashire, which two counties muster between them nearly 40,000. In Birmingham district, there are thirteen "lodges," with a total of 956 members, their locations being at

the Criterion, Hurst Street; Bricklayers' Arms, Cheapside; Ryland Arms, Ryland Street; Sportsman, Moseley Street; Iron House, Moor Street; Exchange Inn, High Street; Red Lion, Smallbrook Street; Woodman, Summer Lane; Emily Arms, Emily Street; Boar's Head, Bradford Street; Turk's Head, Duke Street; Bird-in-Hand, Great King Street; Tyburn House, Erdington.

Old Meeting Friendly Fund was commenced in 1819, and registered in 1824. Its capital at the close of the first year, was £5 14s. 10½d.; at end of the tenth year (1828) it was nearly £264; in 1838, £646; in 1848, £1,609; in 1858, £3,419; 1868, £5,549; in 1878, £8,237; and at the end of 1883, £9,250 16s. 2½d.;—a very fair sum, considering the members only numbered 446, the year's income being £877 and the out-goings £662.

Railway Guards' Friendly Fund was originated in this town in 1848. It has nearly 2,200 members; the yearly disbursements being about £6,000, and the payments £49 at death, with life pensions of 10s. and upwards per week to members disabled on the line. More than £85,000 has been thus distributed since the commencement.

Roman Catholic.—A local Friendly Society was founded in 1794, and a Midland Association in 1824.

Shepherds.—The Order of Shepherds dates from 1834, but we cannot get at the number of members, &c. August 9, 1883 (according to *Daily Post*), the High Sanitary meeting of the Order of Shepherds was held in our Town Hall, when the auditor's report showed total assets of the general fund, £921 15s. 4½d., and liabilities £12 6s. 9½d. The relief fund stood at £292 15s. 8½d., being an increase of £66 0s. 11½d. on the year; and there was a balance of £6 13s. 9½d. to the credit of the sick and funeral fund.

St. David's Society.—The members held their first meeting March 1, 1824.

St. Patrick's Benefit Society, dating

from 1865 as an offshoot of the Liverpool Society, had at end of 1882, 3,144 members, the expenditure of the year was £857 (£531 for funerals), and the total value of the society £2,030.

Unitarian Brotherly Society, registered in 1825, has about 500 members, and a capital of £3,500.

United Brothers.—There are nearly 100 lodges and 10,000 members of societies under this name in Birmingham and neighbourhood, some of the lodges being well provided for capital, No. 4 having £8,286 to 186 members.

United Family Life Assurance and Sick Benefit Society claims to have some 8,500 members, 750 of whom reside in Birmingham.

United Legal Burial Society, registered in 1846, like the above, is a branch only.

Union Provident Sick Society.—Founded 1802, enrolled in 1826 and certified in 1871, had then 3,519 members and a reserve fund of £8,269. At end of 1883 the reserve fund stood at £15,310 16s. 9½d., there having been paid during the year £4,763 17s. 2½d. for sick pay and funerals, besides 15s. dividend to each member.

There are 15,379 Friendly Societies or branches in the kingdom, numbering 4,593,175 members, and their funds amounted to (by last return) £12,148,602.

Friends (The Society of).—Quakerism was publicly professed here in 1654, George Fox visiting the town the following year and in 1657. The friends held their first "meetings" in Monmouth Street in 1659. The meeting house in Bull Street was built in 1703, and was enlarged several times prior to 1856, when it was replaced by the present edifice which will seat about 800 persons. The re-opening took place January 25, 1857. The burial-ground in Monmouth Street, where the Arcade is now, was taken by the Great Western Railway Co. in 1851, the remains of over 300 departed Friends being removed to the

yard of the meeting-house in Bull Street.

Froggery.—Before the New Street Railway Station was built, a fair slice of old Birmingham had to be cleared away, and fortunately it happened to be one of the unsavoury portions, including the spot known as “The Froggery.” As there was a Duck Lane close by, the place most likely was originally so christened from its low-lying and watery position, the connection between ducks and frogs being self-apparent.

Frosts.—Writing on Jan. 27, 1881, the late Mr. Plant said that in 88 years there had been only four instances of great cold approaching comparison with the intense frost then ended; the first was in January, 1795; the next in December and January, 1813-14; then followed that of January, 1820. The fourth was in December and January, 1860-61; and, lastly, January, 1881. In 1795 the mean temperature of the twenty-one days ending January 31st was 24·27 degrees; in 1813-14, December 29th to January 18th, exclusively, 24·9 degrees; in 1820, January 1st to 21st, inclusively, 23·7 degrees; in 1860-61, December 20th to January 9th, inclusively, 24·5 degrees; and in 1881, January 7th to 27th, inclusively, 23·2 degrees. Thus the very coldest three weeks on record in this district, in 88 years, is January, 1881. With the exception of the long frost of 1813-4, which commenced on the 24th December and lasted three months, although so intense in their character, none of the above seasons were remarkable for protracted duration. The longest frosts recorded in the present century were as follows:—1813-14, December to March, 13 weeks; 1829-30, December, January, February, 10 weeks; 1838, January, February, 8 weeks; 1855, January, February, 7 weeks; 1878-79, December, January, February, 10 weeks.

Funny Notions.—The earliest existing statutes governing our Free

Grammar of King Edward VI. bear the date of 1676. One of these rules forbids the assistant masters to marry.—In 1663 (*temp.* Charles II.) Sir Robert Holte, of Aston, received a commission from Lord Northampton, “Master of His Majesty’s leash,” to take and seize greyhounds, and certain other dogs, for the use of His Majesty!—The “Dancing Assembly,” which was to meet on the 30th January, 1783, loyally postponed their light fantastic toeing, “in consequence of that being the anniversary of the martyrdom of Charles I.”—In 1829, when the Act was passed appointing Commissioners for Duddleston and Nechells, power was given for erecting gasworks, provided they did not extend over more than one acre, and that no gas was sent into the adjoining parish of Birmingham.—A writer in *Mechanics’ Magazine* for 1829, who signed his name as “A. Taydhill, Birmingham,” suggested that floor carpets should be utilized as maps wherewith to teach children geography. The same individual proposed that the inhabitants of each street should join together to buy a long pole, or mast, with a rope and pulley, for use as a fire-escape, and recommended them to convey their furniture in or out of the windows with it, as “good practice.”—A patent was taken out by Eliezer Edwards, in 1853, for a bedstead fitted with a wheel and handle, that it might be used as a wheelbarrow.—Sergeant Bates, of America, invaded Birmingham, Nov. 21, 1872, carrying the “stars and stripes,” as a test of our love for our Yankee cousins.

Funeral Reform.—An association for doing away with the expensive customs so long connected with the burying of the dead, was organised in 1875, and slowly, but surely, are accomplishing the task then entered upon. At present there are about 700 enrolled members, but very many more families now limit the trappings of woe to a more reasonable as well as economical exhibit of tailors’ and milliners’ black.

Furniture.—Judging from some old records appertaining to the history of a very ancient family, who, until the town swallowed it up, farmed a considerable portion of the district known as the Lozells, or Loweells, as it was once called, even our well-to-do neighbours would appear to have been rather short of what we think necessary household furniture. As to chairs in bedrooms, there were often none; and if they had chimnies, only movable grates, formed of a few bars resting on “dogs.” Window-curtains, drawers, carpets, and washing-stands, are not, according to our recollection, anywhere specified; and a warming-pan does not occur till 1604, and then was kept in the bed-room. Tongs appear as annexations of grates, without poker or shovel; and the family plate-chest was part of bed-room furniture. Stools were the substitutes for chairs in the principal sitting-room, in the proportion of even twenty of the former to two of the latter, which were evidently intended, *par distinction*, for the husband and wife.

Galton.—The family name of a once well-known firm of gun, sword, and bayonet makers, whose town-house was in Steelhouse Lane, opposite the Upper Priory. Their works were close by in Weaman Street, but the mill for grinding and polishing the barrels and blades was at Duddleston, near to Duddleston Hall, the Galton's country-house. It was this firm's manufactory that Lady Selbourne refers to in her “Diary,” wherein she states that in 1765 she went to a Quaker's “to see the making of guns.” The strange feature of members of the peace-loving Society of Friends being concerned in the manufacture of such death-dealing implements was so contrary to their profession, that in 1796, the Friends strongly remonstrated with the Galtons, leading to the retirement of the senior partner from the trade, and the expulsion of the junior from the body. The mansion in Steelhouse Lane was afterwards converted

into a banking-house; then used for the purposes of the Polytechnic Institution; next, after a period of dreary emptiness, fitted up as the Children's Hospital, after the removal of which to Broad Street, the old house has reverted to its original use, as the private abode of Dr. Clay.

Gambetta.—The eminent French patriot was fined 2,000 francs for upholding the freedom of speech and the rights of the press, two things ever dear to Liberal Birmingham, and it was proposed to send him the money from here as a mark of esteem and sympathy. The *Daily Post* took the matter in hand, and, after appealing to its 40,000 readers every day for some weeks, forwarded (November 10, 1877) a draft for £80 17s. 6d.

Gaols.—The Town Gaol, or Lockup, at the back of the Public Office, in Moor-street, was first used in September, 1806. It then consisted of a courtyard, 59 ft. by 30 ft. (enclosed by a 26ft. wall) two day rooms or kitchens. 14 ft. square, and sixteen sleeping cells, 8 ft. by 6 ft. The prisoners' allowance was a pennyworth of bread and a slice of cheese twice a day, and the use of the pump. Rather short commons, considering the 4lb. loaf often sold at 1s. The establishment, which is vastly improved and much enlarged, is now used only as a place of temporary detention or lockup, where prisoners are first received, and wait their introduction to the gentlemen of the bench.

The erection of the Borough Gaol was commenced on October 29, 1845, and it was opened for the reception of prisoners, October 17, 1849, the first culprit being received two days afterwards. The estimated cost was put at £51,447, but altogether it cost the town about £90,000, about £70,000 of which has been paid off. In the year 1877, three prisoners contrived to escape; one, John Sutcliffe, who got out on July 25, not being recaptured till the 22nd of January following. The others were soon taken back home. The gaol was taken over

by the government as from April 1, 1878, Mr. J. W. Preston, being appointed Governor at a salary of £510, in place of Mr. Meaden, who had received £450, with certain extras.—See "*Dungeon*" and "*Prisons*."

The new County Goal at Warwick was first occupied in 1860.

Gaol Atrocities.—The first Governor appointed to the Borough Gaol was Captain Maconochie, formerly superintendent over the convicts at Norfolk Island in the days of transportation of criminals. He was permitted to try as an experiment a "system of marks," whereby a prisoner, by his good conduct and industry, could materially lessen the duration of his punishment, and, to a certain extent improve his dietary. The experiment, though only tried with prisoners under sixteen, proved very successful, and at one time hopes were entertained that the system would become general in all the gaols of the kingdom. So far as our gaol was concerned, however, it proved rather unfortunate that Captain Maconochie, through advancing age and other causes, was obliged to resign his position (July, 1851), for upon the appointment of his successor, Lieutenant Austin, a totally opposite course of procedure was introduced, a perfect reign of terror prevailing in place of kindness and a humane desire to lead to the reformation of criminals. In lieu of good marks for industry, the new Governor imposed heavy penal marks if the tasks set them were not done to time, and what these tasks were may be gathered from the fact that in sixteen months no less than fifteen prisoners were driven to make an attempt on their lives, through the misery and torture to which they were exposed, three unfortunates being only too successful. Of course such things could not be altogether hushed up, and after one or two unsatisfactory "inquiries" had been held, a Royal Commission was sent down to investigate matters. One case out of many will

be sufficient sample of the mercies dealt out by the governor to the poor creatures placed under his care. Edward Andrews, a lad of 15, was sent to gaol for three months (March 23, 1853) for stealing a piece of beef. On the second day he was put to work at "the crank," every turn of which was equal to lifting a weight of 20lbs., and he was required to make 2,000 revolutions before he had any breakfast, 4,000 more before dinner, and another 4,000 before supper, the punishment for not completing either of these tasks being the loss of the meal following. The lad failed on many occasions, and was fed almost solely on one daily, or, rather, nightly allowance of bread and water. For shouting he was braced to a wall for hours at a time, tightly cased in a horrible jacket and leather collar, his feet being only moveable. In this position, when exhausted almost to death, he was restored to sensibility by having buckets of water thrown over him. What wonder that within a month he hung himself. A number of similar cases of brutality were proved, and the Governor thought it best to resign, but he was not allowed to escape altogether scot free, being tried at Warwick on several charges of cruelty, and being convicted, was sentenced by the Court of Queen's Bench to a term of three months' imprisonment.

Garibaldi.—At a meeting of the Town Council, April 5, 1865, it was resolved to ask Garibaldi to pay a visit to this town, but he declined the honour, as in the year previous he had similarly declined to receive an offered town subscription.

Garrison.—Though a strong force was kept in the Barracks in the old days of riot and turbulence, it is many years since we have been favoured with more than a single company of red coats at a time, our peaceful inland town not requiring a strong garrison.

Gardens.—A hundred to 150 years ago there was no town in England

better supplied with gardens than Birmingham, almost every house in what are now the main thoroughfares having its plot of garden ground. In 1731 there were many acres of allotment gardens (as they came to be called at a later date) where St. Bartholomew's Church now stands, and in almost every other direction similar pieces of land were to be seen under cultivation. Public tea gardens were also to be found in several quarters of the outskirts; the establishment known as the Spring Gardens closing its doors July 31, 1801. The Apollo Tea Gardens lingered on till 1846, and Beach's Gardens closed in September, 1854.

Gas.—William Murdoch is generally credited with the introduction of lighting by gas, but it is evident that the inflammability of the gas producible from coal was known long before his day, as the Rev. Dr. John Clayton, Dean of Kildare, mentioned it in a letter he wrote to the Hon. Robert Boyle, in 1691. The Dr.'s discovery was probably made during his stay in Virginia, and another letter of his shows the probability of his being aware that the gas would pass through water without losing its lighting properties. The discovery has also been claimed as that of a learned French *savant*, but Murdoch must certainly take the honour of being the first to bring gas into practical use at his residence, at Redruth, in 1792, and it is said that he even made a lantern to light the paths in his evening walks, the gas burned in which was contained in a bag carried under his arm, his rooms being also lit up from a bag of gas placed under weights. The exact date of its introduction in this neighbourhood has not been ascertained though it is believed that part of the Soho Works were fitted with gas-lights in 1798, and, on the occurrence of the celebration of the Peace of Amiens, in 1802, a public exhibition was made of the new light, in the illumination of the works. The *Gazette* of April 5, 1802 (according to extract by Dr. Lang-

ford, in his "Century of Birmingham Life") described the various devices in coloured lamps and transparencies, but strangely enough does not mention gas at all. Possibly gas was no longer much of a novelty at Soho, or the reporter might not have known the nature of the lights used, but there is the evidence of Mr. Wm. Matthews, who, in 1827 published an "Historical Sketch of Gaslighting," in which he states that he had "the inexpressible gratification of witnessing, in 1802, Mr. Murdoch's extraordinary and splendid exhibition of gaslights at Soho." On the other hand, the present writer was, some years back, told by one of the few old Soho workmen then left among us, that on the occasion referred to the only display of gas was in the shape of one large lamp placed at one end of the factory, and then called a "Bengal light," the gas for which was brought to the premises in several bags from Mr. Murdoch's own house. Though it has been always believed that the factory and offices throughout were lighted by gas in 1803, very soon after the Amiens illumination, a correspondent to the *Daily Post* has lately stated that when certain of his friends went to Soho, in 1834, they found no lights in use, even for blowpipes, except oil and candles and that they had to lay on gas from the mains of the Birmingham and Staffordshire Gas Company in the Holyhead Road. If correct, this is a curious bit of the history of the celebrated Soho, as other manufacturers were not at all slow in introducing gas for working purposes as well as lighting, a well-known tradesman, Benjamin Cook, Caroline Street, having fitted up retorts and a gasometer on his premises in 1808, his first pipes being composed of old or waste gun-barrels, and he reckoned to clear a profit of £30 a year, as against his former expenditure for candles and oil. The glassworks of Jones, Smart, and Co., of Aston Hill, were lit up by gas as early as 1810, 120 burners being used at a nightly cost of 4s. 6d., the gas

being made on the premises from a bushel of coal per day. The first proposal to use gas in lighting the streets of Birmingham was made in July 1811, and here and there a lamp soon appeared, but they were supplied by private firms, one of whom afterwards supplied gas to light the chapel formerly on the site of the present Assay Office, taking it from their works in Caroline Street, once those of B. Cook before-mentioned. The Street Commissioners did not take the matter in hand till 1815, on November 8 of which year they advertised for tenders for lighting the streets with gas instead of oil. The first shop in which gas was used was that of Messrs. Poultney, at the corner of Moor Street, in 1818, the pipes being laid from the works in Gas Street by a private individual, whose interest therein was bought up by the Birmingham Gaslight Company. The principal streets were first officially lighted by gas-lamps on April 29, 1826, but it was not until March, 1843, that the Town Council resolved that that part of the borough within the parish of Edgbaston should be similarly favoured.

Gas Companies.—The first, or Birmingham Gaslight Co. was formed in 1817, incorporated in 1819, and commenced business by buying up the private adventurer who built the works in Gas Street. The Company was limited to the borough of Birmingham, and its original capital was £32,000, which, by an Act obtained in 1855, was increased to £300,000, and borrowing powers to £90,000 more, the whole of which was raised or paid up. In the year 1874 the company supplied gas through 17,000 meters, which consumed 798,000,000 cubic feet of gas. The Birmingham and Staffordshire Gas Co. was established in 1825, and had powers to lay their mains in and outside the borough. The original Act was repealed in 1845, the company being remodelled and started afresh with a capital of £320,000, increased by following Acts to £670,000 (all called up

by 1874), and borrowing powers to £100,000, of which, by the same year £23,000 had been raised. The consumption of gas in 1874 was 1,462,000,000 cubic feet, but how much of this was burnt by the company's 19,910 Birmingham customers, could not be told. The two companies, though rivals for the public favour, did not undersell one another, both of them charging 10/- per 1,000 feet in the year 1839, while in 1873 large consumers were only charged 2/3 per 1,000 feet, the highest charge being 2/7. The question of buying out both of the Gas Companies had been frequently mooted, but it was not until 1874 that any definite step was taken towards the desired end. On April 17th, 1874, the burgesses recorded 1219 votes in favour of Mr. Joseph Chamberlain's proposition to purchase the Gas [and the Water] Works, 683 voting against it. On Jan. 18th, 1875, the necessary Bills were introduced into the House of Commons, and on July 15th and 19th, the two Acts were passed, though not without some little opposition from the outlying parishes and townships heretofore supplied by the Birmingham and Staffordshire Co., to satisfy whom a clause was inserted, under which Walsall, West Bromwich, &c., could purchase the several mains and works in their vicinity, if desirous to do so. The Birmingham Gas Co. received from the Corporation £450,000, of which £136,890 was to be left on loan at 4%, as Debenture Stock, though £38,850 thereof has been kept in hand, as the whole was redeemable within ten years. The balance of £313,000 was borrowed from the public at 4%, and in some cases a little less. The Birmingham and Staffordshire Gas Co. were paid in Perpetual Annuities, amounting to £58,290 per year, being the maximum dividends then payable on the Co.'s shares £10,906 was returned as capital not bearing interest, £15,000 for surplus profits, £30,000 the half-year dividend, and also £39,944 5s. 4d. the Co's Reserve Fund. The total cost was pu

down as £1,900,000. The Annuities are redeemable by a Sinking Fund in 85 years. For their portion of the mains, service pipes, works, &c. formerly belonging to the Birmingham and Staffordshire Company, the Walsall authorities pay the Corporation an amount equivalent to annuities valued at £1,300 per year; Oldbury paid £22,750, Tipton £34,700, and West Bromwich £70,750.

Gas Fittings.—Curious notions appear to have been at first entertained as to the explosive powers of the new illuminator, nothing less than copper or brass being considered strong enough for the commonest piping, and it was thought a great innovation when a local manufacturer, in 1812, took out a patent for lead pipes copper-coated. Even Murdoch himself seems to have been in dread of the burning element, for when, in after years, his house at Sycamore Hill changed owners, it was found that the smaller gas pipes therein were made of silver, possibly used to withstand the supposed corrosive effects of the gas. The copper-covered lead pipes were patented in 1819 by Mr. W. Phipson, of the Dog Pool Mills, the present compo being comparatively a modern introduction. Messengers, of Broad Street, and Cook, of Caroline Street (1810-20), were the first manufacturers of gas fittings in this town, and they appear to have had nearly a monopoly of the trade, as there were but three others in it in 1833, and only about twenty in 1863; now their name is legion, gas being used for an infinitude of purposes, not the least of which is by the gas cooking stove, the idea of which was so novel at first that the Secretary of the Gas Office in the Minories at one time introduced it to the notice of the public by having his dinner daily cooked in a stove placed in one of the office windows. An exhibition of gas apparatus of all kinds was opened at the Town Hall, June 5, 1878, and that there is still a wonderful future for development is shown by its being

seriously advocated that a double set of mains will be desirable, one for lighting gas, and the other for a less pure kind to be used for heating purposes.

Gas Works.—See "*Public Buildings.*"

Gavazzi.—Father Gavazzi first orated here in the Town Hall, October 20, 1851.

Geographical.—According to the Ordnance Survey, Birmingham is situated in latitude 52° 29', and longitude 1° 54' west.

Gillott.—See "*Noteworthy Men.*"

Girls' Home.—Eighteen years ago several kind-hearted ladies opened a house in Bath Row, for the reception of servant girls of the poorest class, who, through their poverty and juvenility, could not be sheltered in the "Servants' Home," and that such an establishment was needed, is proved by the fact that no less than 534 inmates were sheltered for a time during 1883, while 232 others received help in clothing, &c., suited to their wants. The Midland Railway having taken Bath House, the Home has lately been removed to a larger house near the Queen's Hospital, where the managers will be glad to receive any little aid that can be rendered towards carrying on their charitable operations.

Glass.—In the reign of Henry VI. the commonest kind of glass was sold at 2s. the foot, a shilling in those days being of as much value as a crown of today. The earliest note we can find of glass being made here is the year 1785, when Isaac Hawker built a small glasshouse behind his shop at Edgbaston Street. His son built at Birmingham Heath on the site now occupied by Lloyd and Summerfield. In 1798 Messrs. Shakespeare and Johnston had a glasshouse in Walmer Lane. Pressed glass seems to have been the introduction of Rice Harris about 1832, though glass "pinchers" (eleven of them) are named in the Directory of 1780. In 1827 plate-glass

sold at 12s. per foot and in 1840 at 6s., ordinary sheet-glass being then 1s. 2d. per foot. There was a duty on plate-glass prior to April 5, 1845, of 2s. 10½d. per foot. The "patent plate" was the invention of Mr. James Chance, and Chance Brothers (of whose works a notice will be found in another part of this book) are the only manufacturers in this country of glass for lighthouse purposes.—See also "*Trades*," &c.

Godwillings.—In olden days when our factors started on their tours for orders, it was customary to send a circular in advance announcing that "God willing" they would call upon their customers on certain specified dates. In the language of the counting-house the printed circulars were called "God-willings."

Goldschmidt.—Notes of the various visits of Madame Goldschmidt, better known by her maiden name of Jenny Lind, will be found under the heading of "*Musical Celebrities*."

Good Templars.—The Independent Order of Good Templars, in this town, introduced themselves in 1868, and they now claim to have 90,000 adult members in the "Grand Lodge of England."

Gordon.—Lord George Gordon, whose intemperate actions caused the London Anti-Papist Riots of 1780, was arrested in this town December 7, 1787, but not for anything connected with those disgraceful proceedings. He had been found guilty of a libel, and was arrested on a judge's warrant, and taken from here to London, for contempt of the Court of King's Bench in not appearing when called upon to do so. It has been more than once averred that Lord George was circumcised here, before being admitted to the Jewish community, whose rites and ceremonies, dress and manners, he strictly observed and followed; but he first became a Jew while residing in Holland, some time before he took lodgings in such a classic locality as our old Dudley-street, where he lay hidden

for nearly four months, a long beard and flowing gaberdine helping to conceal his identity.

Gough.—Gough Road, Gough Street, and a number of other thoroughfares have been named after the family, from whom the present Lord Calthorpe, inherits his property.—See "*Edgbaston Hall*."

Grammar School.—See "*Schools*."

Great Brooke Street takes its name from Mr. Brookes, an attorney of the olden time.

Great Eastern Steamship.—The engines for working the screw propeller, 4 cylinders and 8,500 horsepower (nominal 1,700) were sent out from the Soho Foundry.

Green's Village.—Part of the old cookeries in the neighbourhood of the nkleys.

Grub Street.—The upper part of Old Meeting Street was so called until late years.

Guardians.—See "*Poor Law*."

Guildhall.—The operative builders commenced to put up an edifice in 1833 which they intended to call "The Guildhall," but it was only half finished when the ground was cleared for the railway. Some of the local antiquaries strongly advocated the adoption of the name "Guildhall" for the block of municipal buildings and Council House, if only in remembrance of the ancient building on whose site, in New Street, the Grammar School now stands.

Guild of the Holy Cross.—Founded in the year 1392 by the "Bailiffs and Commonalty" of the town of Birmingham (answering to our aldermen and councillors), and licensed by the Crown, for which the town paid £50, the purpose being to "make and found a gild and perpetual fraternity of brethren and sustern (sisters), in honour of the Holy Cross," and "to undertake all works of charity, &c., according

to the appointment and pleasure of the said bailiffs and commonalty." In course of time the Guild became possessed of all the powers then exercised by the local corporate authorities, taking upon themselves the building of almshouses, the relief and maintenance of the poor, the making and keeping in repair of the highways used by "the King's Majestie's subjects passing to and from the marches of Wales," looking to the preservation of sundry bridges and fords, as well as repair of "two greate stone brydges," &c., &c. The Guild owned considerable portion of the land on which the present town is built, when Henry VIII., after confiscating the revenues and possessions of the monastic institutions, laid hands on the property of such semi-religious establishments as the Guild of the Holy Cross. It has never appeared that our local Guild had done anything to offend the King, and possibly it was but the name that he disliked. Be that as it may, his son, Edward VI., in 1552, at the petition of the inhabitants, returned somewhat more than half of the property, then valued at £21 per annum, for the support and maintenance of a Free Grammar School, and it is this property from which the income of the present King Edward VI.'s Grammar Schools is now derived, amounting to nearly twice as many thousands as pounds were first granted. The Guild Hall or Town's Hall in New Street (then only a bye street), was not *quite* so large as either our present Town Hall or the Council House, but was doubtless considered at the time a very fine building, with its antique carvings and stained glass windows emblazoned with figures and armorial bearings of the Lords right Ferrers and others. As the Guild had an organist in its pay, it may be presumed that such an instrument was also there, and that alone go far to prove the fraternity were tolerably well off, as organs in those times were costly and scarce. The old building, for more than a cen-

tury after King Edward's grant, was used as the school, but even when rebuilt it retained its name as the Guild Hall.

Guns.—Handguns, as they were once termed, were first introduced into this country by the Flemings whom Edward IV. brought over in 1471, but (though doubtless occasional specimens were made by our townsmen before then) the manufacture of small arms at Birmingham does not date further back than 1689, when inquiries were made through Sir Richard Newdigate as to the possibility of getting them made here as good as those coming from abroad. A trial order given by Government in March, 1692, led to the first contract (Jan. 5, 1693) made between the "Officers of Ordnance" and five local manufacturers, for the supply of 200 "snapance musquets" every month for one year at 17/- each, an additional 3/- per cwt. being allowed for carriage to London. The history of the trade since then would form a volume of itself, but a few facts of special note and interest will be given in its place among "*Trades.*"

Gutta Percha was not known in Europe prior to 1841, and the first specimens were brought here in the following year. Speaking tubes made of gutta percha were introduced early in 1849.

Gymnasium.—At a meeting held Dec. 18, 1865, under the presidency of the Mayor, it was resolved to establish a public gymnasium on a large scale, but at present it is non-existent, the only gymnasium open being that of the Athletic Club at Bingey Hall.

Hackney Coaches were introduced here in 1775. Hutton says the drivers of the first few earned 30s. per day; those of the present day say they do not get half the sum now. Hansom Cabs, the invention, in 1836, of the architect and designer of our Town Hall, were first put on the stands in 1842.

Half-Holiday. — Ten to twelve hours a day, six days a week, used to be the stint for workpeople here and elsewhere. A Saturday Half-holiday movement was begun in 1851, the first employers to adopt the system being Mr. John Frearson, of Gas Street (late of the Waverley Hotel, Crescent), and Mr. Richard Tangye. Wingfields, Brown, Marshall & Co., and many other large firms began with the year 1853, when it may be said the plan became general.

Handsworth. — Till within the last thirty or forty years, Handsworth was little more than a pleasant country village, though now a well-populated suburb of Birmingham. The name is to be found in the "Domesday Book," but the ancient history of the parish is meagre indeed, and confined almost solely to the families of the lords of the manor, the Wyrleys, Stanfords, &c., their marriages and intermarriages, their fancies and feuds, and all those petty trifles chroniclers of old were so fond of recording. After the erection of the once world-known, but now vanished Soho Works, by Matthew Boulton, a gradual change came o'er the scene; cultivated enclosures taking the place of the commons, enclosed in 1793; Boulton's park laid out, good roads made, water-courses cleared, and houses and mansions springing up on all sides, and so continuing on until now, when the parish (which includes Birchfield and Perry Barr, an area of 7,680 acres in all) is nearly half covered with streets and houses, churches and chapels, alms-houses and stations, shops, offices, schools, and all the other necessary adjuncts to a populous and thriving community. The Local Board Offices and Free Library, situate in Soho Road, were built in 1878 (first stone laid October 30th, 1877), at a cost of £20,662, and it is a handsome pile of buildings. The library contains about 7,000 volumes. There is talk of erecting public swimming and other baths, and a faint whisper that recreation grounds are not far from

view. The 1st Volunteer Battalion of the South Staffordshire Regiment have their head-quarters here. Old Handsworth Church, which contained several carved effigies and tombs of the old lords, monuments of Matthew Boulton and James Watt, with bust of William Murdoch, &c., has been rebuilt and enlarged, the first stone of the new building being laid in Aug., 1876. Five of the bells in the tower were cast in 1701, by Joseph Smith, of Edgbaston, and were the first peal sent out of his foundry; the tenor is much older. The very appropriate inscription on the fourth bell is, "God preserve the Church of England as by law established."

Harborne is another of our near neighbours which a thousand years or so ago had a name if nothing else, but that name has come down to present time with less change than is usual, and, possibly through the Calthorpe estate blocking the way, the parish itself has changed but very slowly, considering its close proximity to busy, bustling Birmingham. This apparent stagnation, however, has endeared it to us Brums not a little, on account of the many pleasant glades and sunny spots in and around it. Harborne gardeners have long been famous for growing gooseberries, the annual dinner of the Gooseberry Growers' Society having been held at the Green Man ever since 1815. But Harborne has plucked up heart latterly, and will not much longer be "out of the running." With its little area of 1,412 acres, and only a population of 6,600, it has built itself an Institute (a miniature model of the Midland), with class rooms and reading rooms, with library and with lecture halls, to seat a thousand, at a cost of £6,500, and got Henry Irving to lay the foundation-stone, in 1879. A Masonic Hall followed in 1880, and a Fire Brigade Station soon after. It has also a local railway as well as a newspaper. In the parish church, which was nearly all rebuilt in 1867, there are

several monuments of olden date, one being in remembrance of a member of the Hinckley family, from whose name that of our Lukleys is deducible; there is also a stained window to the memory of David Cox. The practice of giving a Christmas treat, comprising a good dinner, some small presents, and an enjoyable entertainment to the aged poor, was begun in 1865, and is still kept up.

Hard Times.—Food was so dear and trade so bad in 1757 that Lord Dartmouth for a long time relieved 500 a week out of his own pocket. In 1782 bread was sold to the poor at one-third under its market value. On the 1st of July, 1795, the lessee of the Theatre Royal, Mr. McCready, gave the proceeds of the night's performance (£161 8s.) for the benefit of the poor. The money was expended in wheat, which was sold free of carriage. Meat was also very scarce on the tables of the poor, and a public subscription was opened by the High Bailiff to enable meat to be sold at 1d. per lb. under the market price, which then ruled at 3d. to 6d. per lb. In November, 1799, wheat was 15s. per bushel. In May, 1800, the distressed poor were supplied with wheat at the "reduced price" of 15s. per bushel, and potatoes at 8s. per peck. Soup kitchens for the poor were opened November 30, 1816, when 3,000 quarts were sold the first day. The poor-rates, levied in 1817, amounted to £61,928, and it was computed that out of a population of 84,000 at least 27,000 were in receipt of parish relief. In 1819 £5,500 was collected to relieve the distressed poor. The button makers were numbered at 17,000 in 1813, two-thirds of them being out of work. 1825 and 1836 were terrible years of poverty and privation in this town and neighbourhood. In 1838, 380,000 doles were made to poor people from a fund raised by public subscription. In the summer of 1840, local trade was so bad that we have been told as many as 10,000 persons applied at one office alone for free passages to Australia, and all unsuc-

cessfully. Empty houses could be counted by the hundred. There was great distress in the winter of 1853-4, considerable amounts being subscribed for charitable relief. In the first three months of 1855, there were distributed among the poor 11,745 loaves of bread, 175,500 pints of soup, and £725 in cash. The sum of £10,328 was subscribed for and expended in the relief of the unemployed in the winter of 1878-79—the number of families receiving the same being calculated at 195,165, with a total of 494,731 persons.

Harmonics.—See "*Musical Societies.*"

Hats and Hatters.—In 1820 there was but one hatter in the town, Harry Evans, and his price for best "beavers" was a guinea and a half, "silks," which first appeared in 1812, not being popular and "felts" unknown. Strangers have noted one peculiarity of the native Brums, and that is their innate dislike to "top hats," few of which are worn here (in comparison to population) except on Sunday, when respectable mechanics churchward-bound mount the chimney pot. In the revolutionary days of 1848, &c., when local political feeling ran high in favour of Pole and Hungarian, soft broad-brimmed felt hats, with flowing black feathers were *en vogue*, and most of the advanced leaders of the day thus adorned themselves. Now, the ladies monopolise the feathers and the glories thereof. According to the scale measure used by hatters, the average size of hats worn is that called 6 $\frac{1}{2}$, representing one-half of the length and breadth of a man's head, but it has been noted by "S.D.R." that several local worthies have had much larger craniums, George Dawson requiring a 7 $\frac{1}{2}$ sized hat, Mr. Charles Geach a 7 $\frac{3}{4}$, and Sir Josiah Mason a little over an 8. An old Soho man once told the writer that Matthew Boulton's head-gear had to be specially made for him, and, to judge from a bust of M.B.,

now in his possession, the hat required must have been extra size indeed.

Hearth Duty.—In 1663, an Act was passed for the better ordering and collecting the revenue derived from "Hearth Money," and we gather a few figures from a return then made, as showing the comparative number of the larger mansions whose owners were liable to the tax. The return for Birmingham gives a total of 414 hearths and stoves, the account including as well those which are liable to pay as of those which are not liable. Of this number 360 were charged with duty, the house of the celebrated Humphrey Jennens being credited with 25. From Aston the return was but 47, but of these 40 were counted in the Hall and 7 in the Parsonage. Edgbaston showed 37, of which 22 were in the Hall. Erdington was booked for 27, and Sutton Coldfield for 67, of which 23 were in two houses belonging to the Willoughby family. Colleshill would appear to have been a rather warmer place of abode, as there are 125 hearths charged for duty, 30 being in the house of Dame Mary Digby.

Heathfield.—Prior to 1790 the whole of this neighbourhood was open common-land, the celebrated engineer and inventor, James Watt, after the passing of the Enclosure Act, being the first to erect a residence thereon, in 1791. By 1794 he had acquired rather more than 40 acres, which he then planted and laid out as a park. Heathfield House may be called the cradle of many scores of inventions, which, though novel when first introduced, are now but as household words in our everyday life. Watt's workshop was in the garret of the south-east corner of the building, and may be said to be even now in exactly the same state as when his master-hand last touched the tools, but as the estate was lotted out for building purposes in May, 1874, and houses and streets have been built and formed all round it, it is most likely that the "House" itself will

soon lose all its historic interest, and the contents of the workshop be distributed among the curiosity mongers, or hidden away on the shelves of some museum. To a local chronicler such a room is as sacred as that in which Shakespeare was born, and in the words of Mr. Sam Timmins, "to open the door and look upon the strange relics there is to stand in the very presence of the mighty dead. Everything in the room remains just as it was left by the fast failing hands of the octogenarian engineer. His well-worn, humble apron hangs dusty on the wall, the last work before him is fixed unfinished in the lathe, the elaborate machines over which his latest thoughts were spent are still and silent, as if waiting only for their master's hand again to waken them into life and work. Upon the shelves are crowds of books, whose pages open no more to those clear, thoughtful eyes, and scattered in the drawers and boxes are the notes and memoranda, and pocket-books, and diaries never to be continued now. All these relics of the great engineer, the skilful mechanic, the student of science, relate to his intellectual and public life; but there is a sadder relic still. An old hair-trunk, carefully kept close by the old man's stool, contains the childish sketches, the early copy-books and grammars, the dictionaries, the school-books, and some of the toys of his dearly-beloved and brilliant son Gregory Watt."

Heraldry.—In the days of the mail-clad knights, who bore on their shields some quaint device, by which friend or foe could tell at sight whom they slew or met in fight, doubtless the "Kings-at-Arms," the "Heralds," and the "Pursuivants" of the College of Arms founded by Richard III. were functionaries of great utility, but their duties nowadays are but few, and consist almost solely of tracing pedigrees for that portion of the community whom our American cousins designate as "shoddy," but who, having "made

their pile," would fain be thought of aristocratic descent. In such a

Radical town as Birmingham, the study of *or* and *gules*, *azure* and *vert*, or any of the other significant terms used in the antique science of heraldry, was not, of course, to be expected, unless at the hands of the antiquary or the practical heraldic engraver, both scarce birds in our smoky town, but the least to be looked for would be that the borough authorities should carefully see that the borough coat of arms was rightly blazoned. It has been proved that the town's name has, at times, been spelt in over a gross of different ways, and if any reader will take the trouble to look at the public buildings, banks, and other places where the blue, red, and gold of the Birmingham Arms shines forth, he will soon be able to count three to four dozen different styles; every carver, painter, and printer apparently pleasing himself how he does it. It has been said that when the question of adopting a coat of arms was on the *tapis*, the grave and reverend seniors appointed to make inquiries thereabout, calmly took copies of the shields of the De Berminghams and the De Edgbastons, and fitted the "bend lozengy" and the "parti per pale" together, under the impression that the one noble family's cognisance was a gridiron, and the other a currycomb, both of which articles they considered to be exceedingly appropriate for such a manufacturing town as Birmingham. Wiser in their practicability than the gentlemen who designed the present shield, they left the currycomb quarters in their proper *sable* and *argent* (black and white), and the gridiron *or* and *gules* (a golden grid on a red-hot fire. For proper emblazonment, as by Birmingham law established, see the cover.

Heathmill Lane.—In 1532 there was a "water mill to grynde corne," called "Heth mill," which in that year was let, with certain lands, called the "Conyngry," by the Lord of the

Manor, on a ninety-nine years' lease, at a rent of 26 13s. 4d. per year.

Here we are again!—The London *Chronicle* of August 14, 1788, quoting from a "gentleman" who had visited this town, says that "the people are all diminutive in size, sickly in appearance, and spend their Sundays in low debauchery," the manufacturers being noted for "a great deal of trick and low cunning as well as profligacy!"

Highland Gathering.—The Birmingham Celtic Society held their first "gathering" at Lower Grounds, August 2, 1879, when the ancient sports of putting stones, throwing hammers, etc., was combined with a little modern bicycling, and steeple-chasing, to the music of the bagpipes.

Hill (Sir Rowland).—See "*Noteworthy Men.*"

Hills.—Like unto Rome this town may be said to be built on seven hills, for are there not Camp Hill and Constitution Hill, Summer Hill and Snow Hill, Ludgate Hill, Hockley Hill, and Holloway Hill (or head). Turner's Hill, near Lye Cross, Rowley Regis is over 100ft. higher than Sedgley Beacon, which is 486ft. above sea level. The Lickey Hills are about 800ft. above same level, but the highest hill within 50 miles of Birmingham is the Worcestershire Beacon, 1395ft. above sea level. The highest mountain in England, Scawfell Pike, has an elevation of 3229ft.

Hailstorms.—In 1760 a fierce hailstorm stripped the leaves and fruit from nearly every tree in the apple orchards in Worcestershire, the hail lying on the ground six to eight inches deep, many of the stones and lumps of ice being three and four inches round. In 1798, many windows at Aston Hall were broken by the hail. A very heavy hailstorm did damage at the Botanical gardens and other places, May 9, 1833. There have been a few

stories of later years, but none like unto these.

Hector.—The formation of Corporation Street, and the many handsome buildings erected and planned in its line, have improved off the face of the earth, more than one classic spot, noted in our local history, foremost among which we must place the house of Mr. Hector, the old friend and schoolfellow of Dr. Samuel Johnson. The great lexicographer spent many happy hours in the abode of his friend, and as at one time there was a slight doubt on the matter, it is as well to place on record here that the house in which Hector, the surgeon, resided, was No. 1, in the Old Square, at the corner of the Minories, afterwards occupied by Mr. William Scholefield, Messrs. Jevons and Mellor's handsome pile now covering the spot. The old rate books prove this beyond a doubt. Hector died there on the 2nd of September, 1794, after having practised as a surgeon, in Birmingham, for the long period of sixty-two years. He was buried in a vault at Saint Philip's Church, Birmingham, where, in the middle aisle, in the front of the north gallery, an elegant inscription to his memory was placed. Hector never married, and Mrs. Careless, a clergyman's widow, Hector's own sister, and Johnson's "first love," resided with him, and appears by the burial register of St. Philip's to have died in October, 1788, and to have been buried there, probably in the vault in which her brother was afterwards interred. In the month of November, 1784, just a month before his own decease, Johnson passed a few days with his friend, Hector, at his residence in the Old Square, who, in a letter to Boswell, thus speaks of the visit:—"He" (Johnson) "was very solicitous with me, to recollect some of our most early transactions, and to transmit them to him, for I perceived nothing gave him greater pleasure than calling to mind those days of our innocence. I complied with his request,

and he only received them a few days before his death." Johnson arrived in London from Birmingham on the 16th of November, and on the following day wrote a most affectionate letter to Mr. Hector, which concludes as follows:—

"Let us think seriously on our duty. I send my kindest respects to dear Mrs. Careless. Let me have the prayers of both. We have all lived long, and must soon part. God have mercy upon us, for the sake of our Lord Jesus Christ! Amen!"

This was probably nearly the last letter Johnson wrote, for on the 13th of the following month, just twenty-seven days after his arrival in London from Birmingham, oppressed with disease, he was numbered with the dead.

Hinkleys.—Otherwise, and for very many years, known as "The Inkleys," the generally-accepted derivation of the name being taken from the fact that one Hinks at one time was a tenant or occupier, under the Smalbroke family, of the fields or "leys" in that locality, the two first narrow roads across the said farm being respectively named the Upper and the Nether Inkleys, afterwards changed to the Old and New Inkleys. Possibly, however, the source may be found in the family name of Hincley, as seen in the register of Harborne. A third writer suggests that the character of its denizens being about as black as could be painted, the place was naturally called Ink Leys. Be that as it may, from the earliest days of their existence, these places seem to have been the abode and habitation of the queerest of the queer people, the most aristocratic resident in our local records having been "Bean Green," the dandy—[see "*Eccentrics*"]—who, for some years, occupied the chief building in the Inkleys, nicknamed "Rag Castle," otherwise Hinkley Hall. The beautiful and salubrious neighbourhood, known as "Green's Village," an offshoot of the

Inkieys, was called so in honour of the "Beau."

Hiring a Husband.—In 1815, a Birmingham carpenter, after ill-treating his wife, leased himself to another woman by a document which an unscrupulous attorney had the hardihood to draw up, and for which he charged thirty-five shillings. This precious document bound the man and the woman to live together permanently, and to support and succour each other to the utmost of their power. The poor wife was, of course, no consenting party to this. She appealed to the law; the appeal brought the "lease" before the eyes of the judiciary; the man was brought to his senses (though probably remaining a bad husband), and the attorney received a severe rebuke.

Historical.—A local Historical Society was inaugurated with an address from Dr. Freeman, Nov. 18, 1880, and, doubtless, in a few years the reports and proceedings will be of very great value and interest. The fact that down to 1752 the historical year in England commenced on January 1, while the civil, ecclesiastical, and legal year began on the 25th of March, led to much confusion in dates, as the legislature, the church, and civilians referred every event which took place between January 1 and March 25 to a different year from the historians. Remarkable examples of such confusion are afforded by two well-known events in English history: Charles I. is said by most authorities to have been beheaded January 30, 1643, while others, with equal correctness, say it was January 30, 1649; and so the revolution which drove James II. from the throne is said by some to have taken place in February, 1688, and by others in February, 1689. Now, these discrepancies arise from some using the civil and legal, and others the historical year, though both would have assigned any event occurring *after* the 25th of March to the same years—viz.,

1649 and 1689. To avoid as far as possible mistakes from these two modes of reckoning, it was usual, as often seen in old books or manuscripts, to add the historical to the legal date, when speaking of any day between January 1 and March 25, thus:

Jan. 30, 164- $\left\{ \begin{array}{l} 8 \text{ } i.e. \text{ } 1648, \text{ the civil and} \\ \text{[legal year.]} \\ 9 \text{ } i.e., \text{ } 1649, \text{ the historical} \\ \text{[year.]} \end{array} \right.$

or thus, January 30, 1648-9.

This practice, common as it was for many years, is, nevertheless, often misunderstood, and even intelligent persons are sometimes perplexed by dates so written. The explanation, however, is very simple, for the lower or last figure always indicates the year according to our present calculation.

Hockley Abbey.—Near to, and overlooking Boulton's Pool, in the year 1799 there was a piece of waste land, which being let to Mr. Richard Ford, one of the mechanical worthies of that period, was so dealt with as to make the spot an attraction for every visitor. Mr. Ford employed a number of hands, and some of them he observed were in the habit of spending a great part of their wages and time in dissipation. By way of example to his workmen he laid aside some 12/- to 15/- a week for a considerable period, and when trade was occasionally slack with him, and he had no other occupation for them, he sent his horse and cart to Aston Furnaces for loads of "slag," gathering in this way by degrees a sufficient quantity of this strange building material for the erection of a convenient and comfortable residence. The walls being necessarily constructed thicker than is usual when mere stone or brick is used, the fancy took him to make the place represent a ruined building, which he christened "Hockley Abbey," and to carry out his deceptive notion the date 1473 was placed in front of the house, small pebbles set in cement being used to form the figures. In a very few years by careful training nearly the

whole of the building was overgrown with ivy, and few but those in the secret could have guessed at the history of this ruined "abbey." For the house and some fifteen acres of land £100 rent was paid by Mr. Hubert Galton, in 1816 and following years, exclusive of taxes, and by way of comfort to the heavily-burdened householders of to-day, we may just add that, in addition to all those other duties loyal citizens were then called upon to provide for the exigencies of the Government, the parochial taxes on those premises from Michaelmas, 1816, to Michaelmas, 1817, included two church rates at 30s. each, three highway rates at 30s. each, and *thirty-six* levies for the poor at 30s. each—a total of £61 10s. in the twelve months.

Hollow Tooth Yard.—At one time commonly called the "Devil's Hollow Tooth Yard." This was the name given to the Court up the gateway in Bull Street, nearest to Monmouth Street

Holt Street, Heneage Street, Lister Street, &c., are named after the Holte family.

Home Hitting.—The Rev. John Home, a Scotch divine, who visited Birmingham in 1802, said, "it seemed here as if God had created man only for making buttons."

Horse Fair.—Formerly known as Brick-kiln Lane, received its present name from the fairs first held there in 1777.

Horses.—To find out the number of these useful animals at present in Birmingham, is an impossible task; but, in 1873, the last year before its repeal, the amount paid for "horse duty" in the Borough was £3,294 7s. 6d., being at the rate of 10s. 6d. on 6,275 animals.

Hospital Saturday.—The fact of the contributions on Hospital Sundays coming almost solely from the middle and more wealthy classes, led to the sug-

gestion that if the workers of the town could be organised they would not be found wanting any more than their "betters." The idea was quickly taken up, committees formed, and cheered by the munificent offer of £500 from Mr. P. H. Muntz towards the expenses, the first collection was made on March 15th 1873, the result being a gross receipt of £4,705 11s. 3d. Of this amount £490 8s. 10d. was collected from their customers by the licensed victuallers and beerhouse keepers; the gross totals of each year to the present time being—

1873	..	£4,705	11	3
1874	..	4,123	15	2
1875	..	3,803	11	8
1876	..	3,664	13	8
1877	..	3,200	17	0
1878	..	3,134	5	0
1879	..	3,421	10	3
1880	..	3,760	9	0
1881	..	3,968	13	7
1882	..	4,888	18	9
1883	..	5,439	9	0
1884	..	6,062	16	6

After deducting for expenses, the yearly amounts are divided, *pro rata*, according to their expenditures among the several hospitals and similar charities, the proportions in 1883 being:—General Hospital, £1,843 4s. 1d.; Queen's Hospital, £931 8s. 3d.; General Dispensary, £561 1s. 7d.; Children's Hospital, £498 0s. 4d.; Eye Hospital, £345 0s. 4d.; Birmingham and Midland Counties' Sanatorium, £211 0s. 4d.; Women's Hospital, £193 1s. 9d.; Homoeopathic Hospital, £195 5s. 3d.; Orthopaedic Hospital, £138 13s. 6d.; Lying-in Charity, £67 6s. 5d.; Skin and Lock Hospital, £44 14s. 8d.; Ear and Throat Infirmary, £26 12s. 8d.; Dental Hospital, £9 5s. 3d.; and Birmingham Nursing District Society, £34 17s. 7d. The total sum thus distributed in the twelve years is £48,574 18s. 9d.

Hospital Sunday.—There is nothing new under the sun! Birmingham has the honour of being credited as the birth-place of "Hospital Sundays," but old newspapers tell us

that as far back as 1751, when Bath was in its pride and glory, one Sunday in each year was set aside in that city for the collection, at every place of worship, of funds for Bath Hospital; and a correspondent writing to *Artis's Gazette* recommended the adoption of a similar plan in this town. The first suggestion for the present local yearly Sunday collection for the hospitals appeared in an article, written by Mr. Thos. Barber Wright, in the *Midland Counties Herald* in October, 1859. A collection of this kind took place on Sunday, the 27th of that month, and the first public meeting, when arrangements were made for its annual continuance, was held in the Town Hall, December 14th same year, under the presidency of Dr. Miller, who, therefrom, has been generally accredited with being the originator of the plan. The proceeds of the first year's collection were given to the General Hospital, the second year to the Queen's, and the third year divided among the other charitable institutions in the town of a like character, and this order of rotation has been adhered to since.

The following is a list of the gross amounts collected since the establishment of the movement:—

1859 General Hospital.....	£5,200	8	10
1860 Queen's Hospital.....	3,423	6	1
1861 Amalgamated Charities....	2,953	14	0
1862 General Hospital.....	3,340	4	7
1863 Queen's Hospital.....	3,293	5	0
1864 Amalgamated Charities....	3,178	5	0
1865 General Hospital.....	4,256	11	11
1866 Queen's Hospital.....	4,133	2	10
1867 Amalgamated Charities....	3,654	9	7
1868 General Hospital.....	4,253	9	11
1869 Queen's Hospital.....	4,469	1	8
1870 Amalgamated Charities....	4,111	6	7
1871 General Hospital.....	4,856	9	2
1872 Queen's Hospital.....	5,192	2	3
1873 Amalgamated Charities....	5,370	8	3
1874 General Hospital.....	5,474	17	11
1875 Queen's Hospital.....	5,800	8	8
1876 Amalgamated Charities....	5,265	10	10
1877 General Hospital.....	5,280	15	3
1878 Queen's Hospital.....	6,482	12	10
1879 Amalgamated Charities....	5,182	3	10
1880 General Hospital.....	4,885	1	8
1881 Queen's Hospital.....	4,585	1	3
1882 Amalgamated Charities....	4,800	12	6
1883 General Hospital.....	5,145	0	5
1884 Queen's Hospital.....			

Hospitals.—*The General Hospital*

may be said to have been commenced in the year 1766, when the first steps were taken towards the erection of such an institution, but it was not formally opened for the reception of patients until 1779. The original outlay on the building was £7,140, but it has received many additions since then, having been enlarged in 1792, 1830, 1842, 1857 (in which year a new wing was erected, nominally out of the proceeds of a fête at Aston, which brought in £2,527 6s. 2d.), 1865, and during the last few years especially. The last additions to the edifice consist of a separate "home" for the staff of nurses, utilising their former rooms for the admittance of more patients; also two large wards, for cases of personal injury from fire, as well as a mortuary, with dissecting and jury rooms, &c., the total cost of these improvements being nearly £20,000. For a long period, this institution has ranked as one of the first and noblest charities in the province, its doors being opened for the reception of cases from all parts of the surrounding counties, as well as our own more immediate district. The long list of names of surgeons and physicians, who have bestowed the benefits of their learning and skill upon the unfortunate sufferers, brought within its walls, includes many of the highest eminence in the profession, locally and otherwise, foremost among whom must be placed that of Dr. Ash, the first physician to the institution, and to whom much of the honour of its establishment belongs. The connection of the General Hospital with the Triennial Musical Festivals, which, for a hundred years, have been held for its benefit, has, doubtless, gone far towards the support of the Charity, very nearly £112,000 having been received from that source altogether, and the periodical collections on Hospital Sundays and Saturdays, have still further aided thereto, but it is to the contributions of the public at large that the governors of the institution

are principally indebted for their ways and means. For the first twenty-five years, the number of in-patients were largely in excess of the out-door patients, there being, during that period, 16,588 of the former under treatment, to 13,009 of the latter. Down to 1861, rather more than half-a-million cases of accident, illness, &c., had been attended to, and to show the yearly increasing demand made upon the funds of the Hospital, it is only necessary to give a few later dates. In 1860 the in-patients numbered 2 850, the out-patients 20,584, and the expenditure was £4,191. In 1876, the total number of patients were 24,082, and the expenditure £12,207. The next three years showed an average of 28,007 patients, and a yearly expenditure of £13,900. During the last four years, the benefits of the Charity have been bestowed upon an even more rapidly-increasing scale, the number of cases in 1880 having been 30,785, in 1881 36,803, in 1882 44,623, and in 1883 41,551, the annual outlay now required being considerably over £20,000 per year. When the centenary of the Hospital was celebrated in 1879, a suggestion was made that an event so interesting in the history of the charity would be most fittingly commemorated by the establishment of a Suburban Hospital, where patients whose diseases are of a chronic character could be treated with advantage to themselves, and with relief to the parent institution, which is always so pressed for room that many patients have to be sent out earlier than the medical officers like. The proposal was warmly taken up, but no feasible way of carrying it out occurred until October, 1883, when the committee of the Hospital had the pleasure of receiving a letter (dated Sept. 20), from Mr. John Jaffray, in which he stated that, having long felt the importance of having a Suburban Hospital, and with a desire to do some amount of good for the community in which, for many years,

he had received so much kindness, and to which, in great measure, he owed his prosperity, he had secured a freehold site on which he proposed to erect a building, capable of accommodating fifty male and female patients, with the requisite offices for the attendants and servants, and offered the same as a free gift to the Governors, in trust for the public. This most welcome and munificent offer, it need hardly be said, was gratefully accepted, and a general appeal was made for funds to properly endow the "Jaffray Suburban Hospital," so that its maintenance and administration shall not detract from the extending usefulness of the parent institution. The site chosen by Mr. Jaffray is at Gravelly Hill, and it is estimated the new branch hospital, of which the first stone was laid June 4, 1884, will cost at least £15,000 in erection. Towards the endowment fund there have been nine or ten donations of £1,000 each promised, and it is hoped a fully sufficient amount will be raised before the building is completed, for, in the words of Mr. Jaffray, we "have great faith in the liberality of the public towards an institution—the oldest and noblest and ablest of our medical charities—which for more than a century has done so much for the relief of human suffering: and cannot help believing that there are in Birmingham many persons who, having benefited by the prosperity of the town, feel that they owe a duty to the community, and will gladly embrace this opportunity of discharging at least some part of their obligation." Patients are said to be admitted to the General Hospital by tickets from subscribers; but, in addition to accidents and cases of sudden illness, to which the doors are open at all hours, a large number of patients are admitted free on the recommendation of the medical officers, the proportion of the cases thus admitted being as six to ten with subscribers' tickets.

It is estimated that a capital sum of at least £60,000 will be required to produce a sufficiently large income to maintain the Jaffray Suburban Hospital, and donations have been, and are solicited for the raising of that sum. Up to the time of going to press with the "Dictionary," there has been contributed nearly £24,000 of the amount, of which the largest donations are:—

G. F. Muntz, Esq.....	£2,000	0	0
The Right Hon. Lord Calthorpe	1,000	0	0
Trustees of Dudley Trust.....	1,000	0	0
W. B. Cregoe Colmore, Esq.....	1,000	0	0
Ralph Heaton, Esq.....	1,000	0	0
James Hinks, Esq.....	1,000	0	0
Lloyds' Old Bank.....	1,000	0	0
W. Middlemore, Esq.....	1,000	0	0
Mrs. Elizabeth Plimpton.....	1,000	0	0
Miss Ryland.....	1,000	0	0
Mrs. Simcox.....	1,000	0	0
Messrs. Tangyes (Limited).....	1,000	0	0
Henry Wiggan, Esq., M.P.....	1,000	0	0
Mr. John Wilkes.....	1,000	0	0

About £5,000 more has been sent in hundreds and fifties, and doubtless many other large gifts will follow.

The Queen's Hospital was commenced in 1840, the first stone being laid by Earl Howe on the 18th of June. His Royal Highness the Prince Consort was chosen as first president, and remained so until his death, the office not being filled up again until 1875, when Lord Leigh was appointed. Many special efforts have been made to increase the funds of this hospital, and with great success; thus, on Dec. 28, 1848, Jenny Lind sang for it, the receipts amounting to £1,070. On July 27, 1857, a fête at Aston Park added £2,527 6s. 2d. (a like sum being given to the General Hospital). In 1859, Mr. Sands Cox (to whom is due the merit of originating the Queen's Hospital), commenced the arduous task of collecting a million postage stamps, equivalent to £4,166 13s. 4d., to clear the then liabilities, to erect a chapel, and for purposes of extension. Her Majesty the Queen forwarded (Feb. 15, 1859) a cheque for £100 toward this fund. On January 16, 1869, the workmen of the town decided to erect a new wing to the Hospital, and subscribed so freely that

Lord Leigh laid the foundation stone Dec. 4, 1871, and the "Workmen's Extension" was opened for patients Nov. 7, 1873. In 1880 a bazaar at the Town Hall brought in £3,637 17s., increased by donations and new subscriptions to £5,969. The system of admission by subscribers' tickets was done away with Nov. 1, 1875, a registration fee of 1s. being adopted instead. This fee, however, is not required in urgent cases or accident, nor when the patient is believed to be too poor to pay it. The ordinary income for the year 1882 was £5,580, as compared with £4,834 in the previous year, when the ordinary income was supplemented by the further sum of £4,356 from the Hospital Sunday collection, which falls to the Queen's Hospital once in three years. The chief items of ordinary income were, subscriptions 1881, £2,780; 1882, £2,738; donations, 1881, £397; 1882, £237; Hospital Saturday, 1881, £711; 1882, £852; legacies, 1881, £208; 1882, £870; dividends, 1881, £178; 1882, £199; registration fees, 1881, £538; 1882, £597. The expenditure for the year was £7,264, as compared with £6,997 in 1881. The number of in-patients in 1882 was 1,669, as compared with 1,663 in 1881; the number of out-patients was 16,538, as compared with 14,490 in the preceding year. The cost of each in-patient was £3 2s. 3½d. Of the in-patients, 811 were admitted by registration, the remainder being treated as accidents or urgent cases. Of the out-patients, 8,359 were admitted by registration, the remainder, namely, 8,179, were admitted free.

The Children's Hospital, founded in 1861, was first opened for the reception of patients Jan. 1, 1862, in the old mansion in Steelhouse Lane, fronting the Upper Priory. At the commencement of 1870 the Hospital was removed to Broad Street, to the building formerly known as the Lying-in Hospital, an out-patient department, specially erected at a cost of about £3,250, being opened at the same time (January) in

Steelhouse Lane, nearly opposite the mansion first used. The Broad Street institution has accommodation for about fifty children in addition to a separate building containing thirty beds for the reception of fever cases, the erection of which cost £7,800; and there is a Convalescent Home at Alvechurch in connection with this Hospital to which children are sent direct from the wards of the Hospital (frequently after surgical operations) thus obtaining for them a more perfect convalescence than is possible when they are returned to their own homes, where in too many instances those important aids to recovery—pure air, cleanliness, and good food are sadly wanting. In addition to the share of the Saturday and Sunday yearly collections, a special effort was made in 1880 to assist the Children's Hospital by a simultaneous collection in the Sunday Schools of the town and neighbourhood, and, like the others, this has become a periodical institution. In 1880, the sum thus gathered from the juveniles for the benefit of their little suffering brethren, amounted to £307 9s. 11d.; in 1881, it was £193 10s. 5d.; in 1882, £218 5s. 2d.; in 1883, £234 3s. 1d. The number of patients during 1883 were: 743 in-patients, 12,695 out-patients, 75 home patients, and 475 casualties—total 13,998. The expenditure of the year had been £4,399 0s. 3d., and the income but £4,087 14s. 2d.

Dental.—This Hospital, 9, Broad Street, was instituted for gratuitous assistance to the poor in all cases of diseases of the teeth, including extracting, stopping, scaling, as well as the regulation of children's teeth. Any poor sufferer can have immediate attention without a recommendatory note, but applicants requiring special operations must be provided with a note of introduction from a governor. About 6,000 persons yearly take their achers to the establishment.

Ear and Throat Infirmary, founded in 1844, and formerly in Cherry Street,

has been removed to Newhall Street, where persons suffering from diseases of the ear (deafness, &c.) and throat, are attended to daily at noon. During the year ending June, 1883, 6,517 patients had been under treatment, and 1,833 new cases had been admitted. Of the total, 1,389 had been cured, 348 relieved and 116 remained under treatment. The increase of admissions over those of the previous year was 181, and the average daily attendance of patients was 25. The number of patients coming from places outside Birmingham was 577. The income of this institution is hardly up to the mark, considering its great usefulness, the amount received from yearly subscribers being only £129 13s. 6d., representing 711 tickets, there being received for 875 supplementary tickets, £153 2s. 6d., and £15 11s. from the Hospital Saturday collections.

The Eye Hospital was originated in 1823, and the first patients were received in April, 1824, at the hospital in Cannon Street. Some thirty years afterwards the institution was removed to Steelhouse Lane, and in 1862 to Temple Row, Dee's Royal Hotel being taken and remodelled for the purpose at a cost of about £8,300. In 1881 the number of patients treated was 12,523; in 1882, 13,448 of whom 768 were in-patients, making a total of over a quarter of a million since the commencement of the charity. Admission by subscriber's ticket. Originally an hotel, the building is dilapidated and very unsuitable to the requirements of the hospital, the space for attendants and patients being most inadequate. This has been more and more evident for years past, and the erection of a new building became an absolute necessity. The governors, therefore, have taken a plot of land at the corner of Edmund Street and Church Street, upon a lease from the Colmore family for 99 years, and hereon is being built a commodious and handsome new hospital, from carefully-arranged plans suitable to the peculiar

necessities of an institution of this nature. The estimated cost of the new building is put at £20,000, of which only about £8,000 has yet been subscribed (£5,000 of it being from a single donor). In such a town as Birmingham, and indeed in such a district as surrounds us, an institution like the Birmingham and Midland Eye Hospital is not only useful, but positively indispensable, and as there are no restrictions as to distance or place of abode in the matter of patients, the appeal made for the necessary building funds should meet with a quick and generous response, not only from a few large-hearted contributors, whose names are household words but also from the many thousands who have knowledge directly or indirectly of the vast benefit this hospital has conferred upon those stricken by disease or accident—to that which is the most precious of all our senses. It is intended that the hospital should be a model to the whole kingdom of what such an institution ought to be; the latest and best of modern appliances, both sanitary and surgical, will be introduced. There will be in and out departments, completely isolated one from the other, though with a door of communication. From sixty to seventy beds will be provided, special wards for a certain class of cases, adequate waiting-rooms for out-patients, and the necessary rooms for the officers and medical attendants, all being on an ample scale.

Fever Hospital.—There was a Fever Hospital opened in March, 1828, but we have no note when it was closed, and possibly it may have been only a temporary institution, such as become necessary now and then even in these days of sanitary science. For some years past fever patients requiring isolation have been treated in the Borough Hospital, but the Health Committee have lately purchased a plot of land in Lodge Road of about $4\frac{1}{2}$ acres, at a cost of £4,500, and have erected thereon a wooden pavilion,

divided into male and female wards, with all necessary bath rooms, nurses' rooms, &c., everything being done which can contribute to the comfort and care of the inmates, while the greatest attention has been paid to the ventilation and other necessary items tending to their recovery. This pavilion is only a portion of the scheme which the committee propose to carry out, it being intended to build four, if not five, other wards of brick. A temporary block of administrative buildings has been erected at some distance from the pavilion. There accommodation is provided for the matron, the resident medical superintendent, the nurses when off duty, and the ordinary kitchen, scullery, and other offices are attached. When the permanent offices have been erected this building will be devoted to special fever cases, or, should there be a demand, private cases will be taken in. The cost of the whole scheme is estimated at £20,000, including the sum given for the land. It is most devoutly to be wished that this hospital, which is entirely free, will be generally used by families in case of a member thereof be taken with any nature of infectious fever, the most certain remedy against an epidemic of the kind, as well as the most favourable chance for the patient being such an isolation as is here provided. The hospital was opened September 11, 1883, and in cases of scarlet fever and other disorders of an infectious character, an immediate application should be made to the health officer at the Council House.

Homœopathic.—A dispensary for the distribution of homœopathic remedies was opened in this town in 1847, and though the new system met with the usual opposition, it has become fairly popular, and its practitioners have found friends sufficient to induce them to erect a very neat and convenient hospital, in Easy Row, at a cost of about £7,000, which was opened November 23rd, 1875, and may possibly soon be

enlarged. A small payment, weekly, is looked for, if the patient can afford it, but a fair number are admitted free, and a much larger number visited, the average number of patients being nearly 5,000 per annum. Information given on enquiry.

Hospital for Women.—This establishment in the Upper Priory was opened in October, 1871, for the treatment of diseases special to females. No note or ticket of recommendation is required, applicants being attended to daily at two o'clock, except on Saturday and Sunday. If in a position to pay, a nominal sum of 2s. 6d. a month is expected as a contribution to the funds, which are not so flourishing as can be wished. The in-patients' department or home at Sparkhill has accommodation for 25 inmates, and it is always full, while some thousands are treated at the town establishment. The number of new cases in the out-patient department in 1883 was 2,648, showing an annual increase of nearly 250 a year. Of the 281 in-patients admitted last year, 205 had to undergo surgical operations of various kinds, 124 being serious cases; notwithstanding which the mortality showed a rate of only 5.6 per cent. As a rule many weeks and months of care and attention are needed to restore the general health of those who may have, while in the hospital, successfully recovered from an operation, but there has not hitherto been the needful funds or any organisation for following up such cases after they have left Sparkhill. Such a work could be carried on by a District Nursing Society if there were funds to defray the extra expense, and at their last annual meeting the Managing Committee decided to appeal to their friends for assistance towards forming an endowment fund for the treatment of patients at home during their convalescence, and also for aiding nurses during times of sickness. An anonymous donation of £1,000 has been sent in, and two other donors have given £500 each, but the treasurer will be glad to receive ad-

ditions thereto, and as early as possible, for sick women nor sick men can wait long. The total income for 1883 amounted to £1,305 16s. 4d., while the expenditure was £1,685 4s. 11d., leaving a deficit much to be regretted.

Lying in Hospital.—Founded in 1842, and for many years was located in Broad Street, in the mansion since formed into the Children's Hospital. In 1868 it was deemed advisable to close the establishment in favour of the present plan of supplying midwives and nurses at the poor patients' homes. In 1880 the number of patients attended was 1,020; in 1881, 973; in 1882, 894; in 1883, 870. In each of the two latter years there had been two deaths in mothers (1 in 441 cases) about the usual average of charity. The number of children born alive during the last year was 839, of whom 419 were males, and 420 females. Four infants died; 37 were still-born. There were 6 cases of twins. The assistance of the honorary surgeons was called in 24 times, or once in 37 cases. The financial position of the charity is less satisfactory than could be wished, there being again a deficiency. The subscriptions were £273, against £269 in 1882 and £275 in 1881. There was a slight increase in the amount of donations, but an entire absence of legacies, which, considering the valuable assistance rendered by the charity to so many poor women, is greatly to be deplored. The medical board have the power to grant to any woman who passes the examination, the subjects of which are defined, a certificate as a skilled midwife, competent to attend natural labours. One midwife and four monthly nurses have already received certificates, and it is hoped that many more candidates will avail themselves of the opportunity thus readily afforded to them, and supply a want very generally felt among the poor of the town. Subscribers have the privilege of bestowing the tickets, and the offices are at 71, Newhall Street.

Orthopædic and Spinal Hospital—Was founded in June, 1817, the present establishment in Newhall Street being entered upon in December, 1877. All kinds of bodily deformity, hernia, club feet, spinal diseases, malformations, and distortions of limbs, &c., are treated daily (at two o'clock) free of charge, except where instruments or costly supports are needed, when the patient must be provided with subscribers' tickets in proportion to the cost thereof. In 1881 and 1882, 4,116 cases received attention, 2,064 being new cases, and 678 from outside Birmingham. The variety of diseases was very numerous, and instruments to the value of £420 were supplied to the patients.

Skin and Lock Hospital, Newhall Street, was founded in 1880, and opened Jan. 10, 1881. Admission on payment of registration fee, attendance being given at two o'clock on Monday, Tuesday, Wednesday, and Thursday in each week.

Smallpox Hospital.—A few years back, when there was a pretty general epidemic of smallpox, a temporary ward or addition was attached to the Workhouse, but many persons whose intelligence led them to know the value of isolation in such cases, could not "cotton" to the idea of going themselves or sending their friends there. The buildings in Weston Road, Winson Green, and now known as the Borough Hospital, have no connection whatever with the Workhouse, and were opened for the reception of persons suffering from smallpox and scarlet fever in Nov. 1874. The latter cases are now taken to the Hospital in Lodge Road, so that present accommodation can be found in the Borough Hospital for nearly 250 patients at a time should it ever be necessary to do so. Persons knowing of any case of smallpox should at once give notice to the officers of health at Council House.

Hotels.—This French-derived name for inns, from what Hutton says on the subject, would appear to have been only

introduced in his day, and even then was confined to the large coaching-houses of the town, many of which have long since vanished. The first railway hotel was the Queen's, at the entrance of the old railway station, Duddleston Row, though originally built and used for officers for the company's secretaries, directors' boardroom, &c. As part of the New Street Station, a far more pretentious establishment was erected, and to this was given the title of the "Queen's Hotel," the Duddleston Row building reverting to its original use. The Great Western Hotel was the next to be built, and the success attending these large undertakings have led to the erection of the handsome Midland Hotel, opposite New Street Station, and the still grander "Grand Hotel," in Colmore Row, opened Feb. 1, 1879. The removal of the County Court to Corporation Street, and the possible future erection of Assize Courts near at hand, have induced some speculators to embark in the erection of yet another extensive establishment, to be called the "Inns of Court Hotel," and in due course of time we shall doubtless have others of a similar character. At any of the above, a visitor to the town (with money in his purse) can find first-class accommodation, and (in comparison with the London hotels of a like kind) at reasonably far rates. After these come a second grade, more suitable for commercial gentlemen, or families whose stay is longer, such as the new Stork Hotel, the Albion, in Livery Street, Bullivant's, in Carr's Lane, the Acorn, the Temperance at the Colonnade, and the Clarendon, in Temple Street, Dingley's, in Moor Street, Knapp's, in High Street, Nock's, in Union Passage, the Plough and Harrow, in Hagley Road, the Swan, in New Street, the White Horse, in Congreve Street (opposite Walter Showell and Sons' head offices), the Woolpack, in Moor Street, and the other Woolpack, now called St. Martin's, at the back of the church.

For much entertaining information respecting the old taverns of Birmingham, the hotels of former days, we recommend the reader to procure a copy of S. D. R.'s little book on the subject, which is full of anecdotes respecting the frequenters of the then houses, as well as many quaint notes of the past.

The Acorn in Temple Street.—The favourite resort of the "men of the time" a few score years ago, was at one period so little surrounded with houses that anyone standing at its door could view a landscape stretching for miles, while listening to the song birds in the neighbouring gardens. It dates from about 1750, and numbers among its successive landlords, Mr. John Roderick, the first auctioneer of that well-known name, Mr. James Clements, and Mr. Coleman, all men of mark. The last-named host, after making many improvements in the premises and renewing the lease, disposed of the hotel to a Limited Liability Company for £15,500. It is at present one of the best-frequented commercial houses in the town.

The Hen and Chickens.—In *Aris's Gazette*, of December 14, 1741, there appeared an advertisement, that there was "to be let, in the High Street, Birmingham, a very good-accustomed Inn, the sign of the Hen and Chickens, with stables, &c." Inasmuch as this advertisement also said "there is a very good Bowling Green joining to it," it has been quoted by almost every writer of local history as an evidence of the popularity of those places of recreation, or as showing the open aspect of the then existing town. This establishment is believed to have been on the site of Messrs. Manton's cabinet warehouse, the adjoining Scotland Passage leading to the stables, and possibly to "the Bowling Green." In 1798, the tenant, Mrs. Lloyd, removed to a new house in New Street, and took the *Hen and Chickens'* title with her, the place becoming famous as a posting-house, and

afterwards, under Mr. William Waddell, as one of the most extensive coaching establishments in the Midlands. A mere list only, of the Serene Highnesses, the Royalties, Nobility, and celebrated characters of all kinds, who have put up at this hotel, would fill pages, and those anxious for such old-time gossip, must refer to S. D. R.'s book, as before-mentioned. At the close of 1878, the premises were acquired by the "Birmingham Aquarium Co., Limited," who proposed to erect a handsome concert-room, aquarium, restaurant, &c. The old building has been considerably altered, and somewhat improved in appearance, but the aquarium and concert-room are, as yet, *non est*, an Arcade being built instead.

The Midland, New Street.—One of the modern style of hotels, having over a hundred good bedrooms, besides the necessary complement of public and private sitting and dining rooms, coffee, commercial, smoking and billiard rooms, &c., erected for Mr. W. J. Clements in 1874; it was sold early in 1876 to a Limited Company, whose capital was fixed at £40,000 in £10 shares.

The Royal, in Temple Row, was erected on the tontine principle in 1772, but was not called more than "The Hotel" for a long time afterwards the word *Royal* being added in 1805, after His Royal Highness the Duke of Gloucester slept there (May 4) on his way to Liverpool. In 1830 the Duchess of Kent, and Princess Victoria (our present Queen) honoured it by their presence. In June, 1804, the Assembly Room (for very many years the most popular place for meetings of a social character) was enlarged, the proprietors purchasing a small piece of adjoining land for the purpose at a cost of £250, being at the rate of £26,000 per acre, a noteworthy fact as showing the then rapidly increasing value of property in the town. The portico in front of the hotel was put there in 1837, when the building had

to be repaired, in consequence of the kind attentions of the Birmingham Liberals at the time of the general election then just passed. The whole of the front and main portion of the hotel is now used for the purposes of the Eye Hospital, the Assembly Rooms, &c., being still public.—Portugal House, in New Street, on the present site of the Colonnade, prior to its being taken for the Excise and Post Offices, was used for hotel purposes, and was also called "The Royal."

The Stork.—The Directory of 1800 is the first which contains the name of the Stork Tavern, No. 3. The Square, the host then being Mr. John Bingham, the title of Hotel not being assumed until 1808. For a few years the one house was sufficient for the accommodation required, but as time progressed it became necessary to enlarge it, and this was accomplished by taking in the adjoining houses, until, at last, the hotel occupied one fourth of The Square, from the corner of the Minories to the Lower Priory, in which were situated the stables, &c. It was in one of the houses so annexed to the hotel (No. 1) that Dr. Hector, the friend of Dr. Johnson, resided; and at the rear of another part of the premises in the Coach Yard, there was opened (in 1833) the "The Equitable Labour Exchange." The whole of the hotel buildings were sold by auction, Sept. 26, 1881, and quickly razed to the ground, which was required for Corporation Street; but the Stork, like the fabulous Phoenix, has risen from its ashes, and in close proximity to the old site, stands boldly forth as one of the magnificences of that is-to-be most-magnificent thoroughfare.

The Union, in Cherry Street, was built in 1790, but much enlarged in 1825. It was one of the principal coaching houses, but will be remembered mostly as furnishing the chief saleroom in the town for the disposal of landed property. The site being required for Corporation Street, the building was "knocked down" on the 21st April, 1879.

The Woolpack, in Moor Street, saw many strange events, and had in its olden days undergone some few changes for there are not many sites in Birmingham that can compare with this in regard to its recorded history, but at last it is being cleared to make way for a more modern structure. It is believed there was a tavern called the Green Tree here close upon 500 years ago, and even now there is still to be traced the course of an ancient "dyche" running through the premises which was described as the boundary dividing certain properties in 1340, and forming part of that belonging to the Guild of the Holy Cross. The house itself was the residence of William Lench, whose bequests to the town are historical, but when it was turned into a tavern is a little uncertain, as the earliest notice of it as such is dated 1709, when John Fusor was the occupier. It was the house of resort for many Birmingham worthies, especially those connected with the law, even before the erection of the Public Offices, and it is said that John Baskerville used to come here for his tankard of ale and a gossip with his neighbours. In the time of the Reform agitation it was frequented by the leaders of the Liberal party, and has always been the favourite shelter of artists visiting the town.

The Woolpack, in St. Martin's Lane.—Some eighty odd years ago the tavern standing at the corner of Jamaica Row and St. Martin's Lane was known as the Black Boy Inn, from the figure of a young negro then placed over the door. Being purchased in 1817 by the occupier of a neighbouring tavern called the Woolpack, the two names were united, and for a time the house was called the "Black Boy and Woolpack," the first part being gradually allowed to fall into disuse. Prior to its demolition it was the noted market hostelry for cattle dealers and others, the respected landlord, Mr. John Gough, who held the premises from 1848 till his death in 1877, being himself a large wholesale dealer. When the Town Council de-

sided to enlarge and cover in the Smithfield Market, the old house and its adjuncts were purchased by them, and a new hotel of almost palatial character has been erected in its place, the frontage extending nearly the entire length of St. Martin's Lane, and the Black Boy and the Woolpack must in future be called St. Martin's Hotel.

Hothouses.—Those at Frogmore, comprising a range of nearly 1,000 feet of metallic forcing houses, were erected in 1842-3, by Mr. Thomas Clark, of this town, his manager, Mr. John Jones, being described by the celebrated Mr. London, as "the best hothouse builder in Britain."

House and Window Tax.—See "*Taxes*."

Howard Street Institute.—Founded in 1869. The first annual meeting, for the distribution of prizes, was held in December, 1872. The many sources for acquiring knowledge now provided at such institutions as the Midland Institute, the Mason College, &c., have no doubt tended much to the end, but, considering the amount of good derived by the pupils from the many classes held in the Howard Street rooms, it is a pity the Institute should be allowed to drop.

Humbug.—The Prince of Humbugs, Phineas Barnum, at the Town Hall, February 28, 1859, gave *his* views of what constituted "Humbug." As if the Brums didn't know.

Humiliation Days.—February 25, 1807, was kept here as a day of fasting and humiliation, as was also September 25, 1832.

Hundred.—Birmingham is in the Hundred of Hemlingford.

Hungary.—The first meeting in this town to express sympathy with the Hungarians in their struggle with Austria, was held in the Corn Exchange, May 23, 1849, and several speakers were in favour of sending armed help, but no volunteers came forward.

Hunter's Lane and Nursery Terrace take their names from the fact that Mr. Hunter's nursery grounds and gardens were here situated. The "Lane" was the old road to Wolverhampton, but has a much older history than that, as it is believed to have been part of the Icknield Street.

Hurricanes.—The late Mr. Thos. Plant, in describing the great storm, which visited England, on the night of Sunday, 6th January, 1839, and lasted all next day, said it was the most tremendous hurricane that had occurred here for fifty years. A large quantity of lead was stripped off the roof of the Town Hall, the driving force of the gale being so strong, that the lead was carried a distance of more than sixty yards before it fell into a warehouse, at the back of an ironmonger's shop in Ann Street. — See "*Storms and Tempests*."

Hurst Street, from Hurst Hill, once a wooded mount (the same being the derivation of Ravenhurst Street), was originally but a passage way, leading under an arch at the side of the White Swan in Smallbrook Street (now Day's establishment). Up the passage was a knacker's yard, a shop for the dyeing of felt hats, and a few cottages.

Icknield Street.—Britain was formerly traversed by four great roads, usually called Roman roads, though there are some grounds for believing that the Ancient Britons themselves were the pioneers in making these trackways, their conquerors only improving the roads as was their wont, and erecting military stations along the line. These roads were severally called "Watling Strete," which ran from the coast of Kent, through London, to the Welsh coast in county Cardigan; the "Fosse," leading from Cornwall to Lincoln; "Erninge Strete," running from St. David's to Southampton; and "Hikenilde Strete," leading through the centre of England, from St. David's to Tynemouth. Part of the latter road, known as Icknield

Street, is now our Monument Lane, and in 1865 a portion of ancient road was uncovered near Chad Valley House, which is believed to have been also part thereof. Proceeding in almost a direct line to the bottom of Hockley Hill, the Icknield Street ran across Handsworth Parish, by way of the present Hunter's Lane, but little further trace can be found now until it touches Sutton Coldfield Park, through which it passes for nearly a mile-and-a-half at an almost uniform width of about 60 feet. It is left for our future local antiquarians to institute a search along the track in the Park, but as in scores of other spots Roman and British remains have been found, it seems probable than an effort of the kind suggested would meet its reward, and perhaps lead to the discovery of some valuable relics of our long-gone predecessors.

Illuminations.—When the news of Admiral Rodney's victory was received here, May 20, 1792, it was welcomed by a general illumination, as were almost all the great victories during the long war. The Peace of Amiens in 1802 was also celebrated in this way, and the event has become historical from the fact that for the first time in the world's history the inflammable gas obtained from coal (now one of the commonest necessities of our advanced civilisation) was used for the purpose of a public illumination at Soho Works. (See "*Gas*.") In 1813 the town went into shining ecstasies four or five times, and ditto in the following year, the chief events giving rise thereto being the entry of the Allies into Paris, and the declaration of peace, the latter being celebrated (in addition to two nights' lighting up of the principal buildings, &c.), by an extra grand show of thousands of lamps at Soho, with the accompaniment of fireworks and fire-balloons, the roasting of sheep and oxen, &c. Waterloo was the next occasion, but local chroniclers of the news of the day gave but scant note thereof. From time to

time there have been illuminations for several more peaceable matters of rejoicing, but the grandest display that Birmingham has ever witnessed was that to celebrate the marriage of the Prince of Wales, March 10th, 1863, when St. Philip's Church was illuminated on a scale so colossal as to exceed anything of the kind that had previously been attempted in the illumination by gas of public buildings upon their architectural lines. Situated in the centre, and upon the most elevated ground in Birmingham, St. Philip's measures upwards of 170-ft. from the base to the summit of the cross. The design for the illumination—furnished by Mr. Peter Hollins—consisted of gas-tubing, running parallel to the principal lines of architecture from the base to the summit, pierced at distances of 3 in. or 5 in., and fitted with batswing burners. About 10,000 of these burners were used in the illumination. The service-pipes employed varied in diameter from three inches to three-quarters of an inch, and measured, in a straight line, about three-quarters of a mile, being united by more than two thousand sockets. Separate mains conducted the gas to the western elevation, the tower, the dome, the cupola, and cross; the latter standing 8 ft. above the ordinary cross of the church, and being inclosed in a frame of ruby-coloured glass. These mains were connected with a ten-inch main from a heavily-weighed gasometer at the Windsor Street works of the Birmingham Gas Company, which was reserved for the sole use of the illumination. It took forty men three days to put up the scaffolding, but the whole work was finished and the scaffolding removed in a week. It was estimated that the consumption of gas during the period of illumination reached very nearly three-quarters of a million of cubic feet; and the entire expense of the illumination, including the gas-fittings, was somewhat over six hundred pounds. The illumination was seen for miles

round in every direction. From the top of Barr Beacon, about eight miles distant, a singular effect was produced by means of a fog cloud which hung over the town, and concealed the dome and tower from view—a blood-red cross appearing to shine in the heavens and rest upon Birmingham. As the traveller approached the town on that side the opacity of the fog gradually diminished until, when about three miles away, the broad lines of light which spanned the dome appeared in sight, and, magnified by the thin vapour through which they were refracted, gave the idea of some gigantic monster clawing the heavens with his fiery paws. All the avenues to the church and the surrounding streets were crowded with masses of human heads, in the midst of which stood a glittering fairy palace. The effect was heightened by coloured fires, which, under the superintendence of Mr. C. L. Hammer, were introduced at intervals in burning censers, wreathing their clouds of incense among the urns upon the parapet in the gallery of the tower, and shedding upon the windows of the church the rich tints of a peaceful southern sky at sunset. The several gateways were wreathed in evergreens, amongst which nestled festoons of variegated lamps. So great was the sensation produced throughout the town and surrounding districts, and such the disappointment of those who had not seen it, that the committee, at a great expense, consented to reillumine for one night more, which was done on the 13th. The last general illumination was on the occasion of the visit of Prince and Princess of Wales, Nov. 3, 1874.

Improvement Schemes.—See "*Town Improvements.*"

Income Tax.—This impost was first levied in 1798, when those who had four children were allowed an abatement of 10 per cent.; eight children, 15 per cent.; ten or more 20 per cent. At the close of the Peninsular

campaign this tax was done away with, it being looked upon, even in those heavily betaxed times, as about the most oppressive duty ever imposed by an arbitrary Government on loyal and willing citizens. When the tax was revived, in 1842, there was a considerable outcry, though if fairly levied it would seem to be about the most just and equitable mode of raising revenue that can be devised, notwithstanding its somewhat inquisitorial accompaniments. The Act was only for three years but it was triennially renewed until 1851, since when it has become "a yearly tenant," though at varying rates, the tax being as high as 1s. 4d. in the pound in 1855, and only 2d. in 1874. A Parliamentary return issued in 1866 gave the assessment of Birmingham to the Income Tax at £1,394,161; in 1874 it was estimated at £1,792,700. The present assessment is considerably over the two millions, but the peculiar reticence generally connected with all Governmental offices prevents us giving the exact figures.

Indian Famine.—The total amount subscribed here towards the fund for the relief of sufferers by famine in India in 1877 was £7,922 13s. 2d.

India-rubber, in 1770, was sold at 3s. per cubic half-inch, and was only used to remove pencil marks from paper. Its present uses are manifold, and varied in the extreme, from the toy balloon of the infant to railway buffers and unsinkable lifeboats.

Infirmaries.—See "*Hospitals,*" &c.

Inge.—The family name of one of the large property owners of this town, after whom Inge Street is so called. The last representative of the family lived to the ripe old age of 81, dying in August, 1881. Though very little known in the town from whence a large portion of his income was drawn, the Rev. George Inge, rector of Thorpe (Staffordshire), was in his way a man of mark, a mighty Nimrod, who fol-

lowed the hounds from the early age of five, when he was carried on a pony in front of a groom, until a few weeks prior to his death, having hunted with the Atherstone pack during the management of sixteen successive masters thereof.

Insane Asylums.—See "*Lunacy.*"

Insurance.—In 1782 a duty of 1s. 6d. per cent. was levied on all fire insurances, which was raised to 2s. in 1797, to 2s. 6d. in 1804, and to 3s. in 1815, remaining at that until 1865, when it was lowered to 1s. 6d., being removed altogether in 1869. Farming stock was exempted in 1833, and workmen's tools in 1860.

Insurance Companies.—Their name is legion, their agents are a multitude, and a list of their officers would fill a book. You can insure your own life, or your wife's, or your children's or anybody else's, in whose existence you may have a beneficial interest, and there are a hundred officers ready to receive the premiums. If you are journeying, the Railway Passengers' Accident Co. will be glad to guarantee your family a solatium in case you and your train come to grief, and though it is not more than one in half-a-million that meets with an accident on the line, the penny for a ticket, when at the booking office, will be well expended. Do you employ clerks, there are several Guarantee Societies who will secure you against loss by defalcation. Shopkeepers and others will do well to insure their glass against breakage, and all and everyone should pay into a "General Accident" Association, for broken limbs, like broken glass, cannot be foreseen or prevented. It is not likely that any of us will be "drawn" for a militiaman in these piping times of peace, but that the system of insurance was applied here in the last century against the chances of being drawn in the ballot, is evidenced by the following carefully-preserved and curious receipt:—

"Received of Matthew Boulton, tagnaker, Snow Hill, three shillings and sixpence, for which sum I solemnly engage, if he should be chosen by lot to serve in the militia for this parish, at the first meeting for that purpose, to procure a substitute that shall be approved of.

"HENRY BROOKES, Sergt.

"Birmingham, Jan. 11, 1762."

The local manufacture of Insurance Societies has not been on a large scale, almost the only ones being the "Birmingham Workman's Mutual," the "British Workman," and the "Wesleyan and General." The late Act of Parliament, by which in certain cases, employers are peculiarly liable for accidents to their workpeople, has brought into existence several new Associations, prominent among which is the comprehensive "Employers' Liability and Workpeople's Provident and Accident Insurance Society, Limited," whose offices are at 33, Newhall Street.

Interesting Odds and Ends.

A fair was held here on Good Friday, 1793.

A fight of lion with dogs took place at Warwick, September 4, 1824.

The Orsini bombs used in Paris, January 15, 1858, were made here.

In 1771 meetings of the inhabitants were called by the tolling of a bell.

A large assembly of Radicals visited Christ Church, November 21, 1819, but not for prayer.

A "flying railway" (the Centrifugal) was exhibited at the Circus in Bradford Street, October 31, 1842.

The doors of Moor Street prison were thrown open, September 3, 1842, there not being then one person in confinement.

March 2, 1877, a bull got loose in New Street Station, and ran through the tunnel to Banbury Street, where he leaped over the parapet and was made into beef.

William Godfrey, who died in Ruston-street, October 27, 1863, was a native of this town, who, enlisting at eighteen, was sent out to China,

where he accumulated a fortune of more than £1,000,000. So said the *Birmingham Journal*, November 7, 1863.

The De Berminghams had no blankets before the fourteenth century, when they were brought from Bristol. None but the very rich wore stockings prior to the year 1589, and many of them had their legs covered with bands of cloth.

A petition was presented to the Prince of Wales (June 26, 1791) asking his patronage and support for the starving buckle-makers of Birmingham. He ordered his suite to wear buckles on their shoes, but the laces soon whipped them out of market.

One Friday evening in July, 1750, a woman who had laid informations against 150 persons she had caught retailing spirituous liquors without licenses, was seized by a mob, who doused, ducked and daubed her, and then shoved her in the Dungeon.

At a parish meeting, May 17, 1726, it was decided to put up an organ in St. Martin's at a cost of £300 "and upwards." At a general meeting of the inhabitants, April 3, 1727, it was ordered that a bell be cast for St. Philip's, "to be done with all expedition."

In 1789 it was proposed that the inmates of the workhouse should be employed at making worsted and thread. Our fathers often tried their inventive faculties in the way of finding work for the inmates. A few years later it was proposed (August 26) to lighten the rates by erecting a steam mill for grinding corn.

On the retirement of Mr. William Lucy, in 1850, from the Mayoralty, the usual vote of thanks was passed, but with *one* dissident. Mr. Henry Hawkes was chosen coroner July 6, 1875, by forty votes to *one*. The great improvement scheme was adopted by the Town Council (November 10, 1875), with but *one* dissident.

A certificate, dated March 23, 1683, and signed by the minister and churchwardens, was granted to Elizabeth, daughter of John and Ann Dickens, "in order to obtain his majesty's touch for the Evil." The "royal touch" was administered to 200 persons from this neighbourhood, March 17, 1714; Samuel Johnson (the Dr.) being one of those whose ailments, it was believed, could be thus easily removed. Professor Holloway did not live in those days.

Sir Thomas Holte (the first baronet) is traditionally reported to have slain his cook. He brought an action for libel against one William Ascrick, for saying "that he did strike his cook with a cleaver, so that one moiety of the head fell on one shoulder, and the other on the other shoulder." The defendant was ordered to pay £30 damages, but appealed, and successfully; the worthy lawyers of that day deciding that though Sir Thomas might have clove the cook's head, the defendant did not say he had *killed* the man, and hence had not libelled the baronet.

Interpreters.—In commercial circles it sometimes happens that the foreign corresponding clerk may be out of the way when an important business letter arrives, and we, therefore, give the addresses of a few gentlemen linguists, viz.:—Mr. H. R. Forrest, 46, Peel Buildings, Lower Temple Street; Mr. L. Hewson, 30, Paradise Street; Mr. F. Julien, 189, Monument Road; Mr. Wm. Krisch, 3, Newhall Street; Mr. L. Notelle, 42, George Road, Edgbaston; and Mr. A. Vincent, 49, Islington Row.

Invasion.—They said the French were coming in February, 1758, so the patriotic Brums put their hands into their pockets and contributed to a fund "to repel invasion."

Inventors and Inventions.—Birmingham, for a hundred years, led the van in inventions of all kinds, and

though to many persons patent specifications may be the driest of all dry reading, there is an infinitude of interesting matter to be found in those documents. Much of the trade history of the town is closely connected with the inventions of the patentees of last century, including such men as Lewis Paul, who first introduced spinning by rollers, and a machine for the carding of wool and cotton; Baskerville, the joiner; Wyatt, partner with Paul; Boulton, of Soho, and his coadjutors, Watt, Murdoch, Small, Keir, Alston, and others. Nothing has been too ponderous and naught too trivial for the exercise of the inventive faculties of our skilled workmen. All the world knows that hundreds of patents have been taken out for improvements, and discoveries in connection with steam machinery, but few would credit that quite an equal number relate to such trifling articles as buckles and buttons, pins and pens, hooks and eyes, &c.; and fortunes have been made even more readily by the manufacture of the small items than the larger ones. The history of Birmingham inventors has yet to be written; a few notes of some of their doings will be found under "*Patents*" and "*Trades*."

Iron.—In 1354 it was forbidden to export iron from England. In 1567 it was brought here from Sweden and Russia. A patent for smelting iron with pit coal was granted in 1620 to Dud Dudley, who also patented the tinning of iron in 1661. The total make of iron in England in 1740 was but 17,000 tons, from 59 furnaces, only two of which were in Staffordshire, turning out about 1,000 tons per year. In 1788 there were nine blast furnaces in the same county; in 1796, fourteen; in 1806, forty-two; in 1827, ninety-five, with an output of 216,000 tons, the kingdom's make being 690,000 tons from 284 furnaces. This quantity in 1842 was turned out of the 130 Staffordshire furnaces alone, though the hot-air blast was not used prior to 1835.

Some figures have lately been published showing that the present product of iron in the world is close upon 19½ million tons per year, and as iron and its working-up has a little to do with the prosperity of Birmingham, we preserve them. Statistics for the more important countries are obtainable as late as 1881. For the others it is assumed that the yield has not fallen off since the latest figures reported. Under "other countries," in the table below, are included Canada, Switzerland, and Mexico, each producing about 7,500 tons a year, and Norway, with 4,000 tons a year:—

	Year.	Gross Tons.
Great Britain	1881	8,377,364
United States	1881	4,144,254
Germany	1881	2,863,400
France	1881	1,836,438
Belgium	1881	622,288
Austria-Hungary	1880	448,685
Sweden	1880	399,628
Luxembourg	1881	289,212
Russia	1881	231,341
Italy	1876	76,000
Spain	1873	75,000
Turkey	—	40,000
Japan	1877	10,000
All other countries ..	—	46,000
Total		19,487,610

The first four countries produce 88·4 per cent. of the world's iron supply; the first two, 64·3 per cent.; the first, 43 per cent. The chief consumer is the United States, 29 per cent.; next Great Britain, 23·4 per cent.; these two using more than half of all. Cast iron wares do not appear to have been made here in any quantity before 1755; malleable iron castings being introduced about 1811. The first iron canal boat made its appearance here July 24, 1787. Iron pots were first tinned in 1779 by Jonathan Taylor's patented process, but we have no date when vessels of iron were first enamelled, though a French method of coating them with glass was introduced in 1850 by Messrs. T. G. Griffiths and Co. In 1809, Mr. Benjamin Cook, a well-known local inventor, proposed to use iron for building purposes, more particularly in

the shape of joists, rafters, and beams, so as to make fire-proof rooms, walls, and flooring, as well as iron staircases. This suggestion was a long time before it was adopted, for in many things Cook was far in advance of his age. Corrugated iron for roofing, &c., came into use in 1832, but it was not till the period of the Australian gold fever—1852-4—that there was any great call for iron houses. The first iron church (made at Smethwick) as well as iron barracks for the mounted police, were sent out there, the price at Melbourne for iron houses being from £70 each.—See "*Trades.*"

Iron Bedsteads are said to have been invented by Dr. Church. Metallic bedsteads of many different kinds have been made since then, from the simple iron stretcher to the elaborately gilded couches made for princes and potentates, but the latest novelty in this line is a bedstead of solid silver, lately ordered for one of the Indian Rajahs.

Iron Rods.—Among the immense number of semi-religious tracts published during the Civil War, one appeared (in 1642) entitled "An Iron Rod for the Naylor and Tradesmen near Birmingham," by a self-styled prophet, who exhorted his neighbours to amend their lives and give better prices "twopence in the shilling at the least to poor workmen." We fancy the poor nailers of the present time would also be glad of an extra twopence.

Jacks.—Roasting Jacks of some kind or other were doubtless used by our great-great-grandmothers, but their kitchen grates were not supplied with "bottle-jacks" till their fellow-townsmen, Mr. Fellowes, of Great Hampton Street, made them in 1796.

Jennens.—It is almost certain that the "Great Jennens (or Jennings) Case," has taken up more time in our law courts than any other cause brought before the judges. Charles Dickens is supposed to have had some

little knowledge of it, and to have modelled his "*Jarndyce v. Jarndyce*" in "Bleak House" therefrom. It has a local interest, inasmuch as several members of the family lived, prospered, and died here, and, in addition, a fair proportion of the property so long disputed, is here situated. The first of the name we hear of as residing in Birmingham was William Jennens, who died in 1602. His son John became a well-to-do ironmonger, dying in 1653. One of John's sons, Humphrey, also waxed rich, and became possessed of considerable estate, having at one time, it is said, no less a personage than Lord Conway as "game-keeper" over a portion of his Warwickshire property. Probably the meaning was that his lordship rented the shooting. Ultimately, although every branch of the family were tolerably prolific, the bulk of the garnered wealth was concentrated in the hands of William Jennings, bachelor, who died at Acton Place in 1798, at the age of 98, though some have said he was 103. His landed property was calculated to be worth £650,000; in Stock and Shares he held £270,000; at his bankers, in cash and dividends due, there were £247,000; while at his several houses, after his death, they found close upon £20,000 in bank notes, and more than that in gold. Dying intestate, his property was administered to by Lady Andover, and William Lygon, Esq., who claimed to be next of kin descended from Humphrey Jennings, of this town. Greatest part of the property was claimed by these branches, and several noble families were enriched who, it is said, were never entitled to anything. The Curzon family came in for a share, and hence the connection of Earl Howe and others with this town. The collaterals and their descendants have, for generations, been fighting for shares, alleging all kinds of fraud and malfeasance on the part of the present holders and their predecessors, but the claimants have increased and multiplied to such

an extent, that if it were possible for them to recover the whole of the twelve million pounds they say the property is now worth, it would, when divided, give but small fortunes to any of them. A meeting of the little army of claimants was held at the Temperance Hall, March 2, 1875, and there have been several attempts, notwithstanding the many previous adverse decisions, to re open the battle for the pelf, no less than a quarter of a million, it is believed, having already been uselessly spent in that way.

Jennen's Row is named after the above family.

Jewellery.—See "*Trades.*"

Jews.—The descendants of Israel were allowed to reside in this country in 1079, but if we are to believe history their lot could not have been a very pleasant one, the poorer classes of our countrymen looking upon them with aversion, while the knights and squires of high degree, though willing enough to use them when requiring loans for their fierce forays, were equally ready to plunder and oppress on the slightest chance. Still England must have even then been a kind of sheltering haven, for in 1287, when a sudden anti-Semitic panic occurred to drive the Jews out of the kingdom, it was estimated that 15 660 had to cross the silver streak. Nominally, they were not allowed to return until Cromwell's time, 364 years after. It was in 1723 Jews were permitted to hold lands in this country, and thirty years after an Act was passed to naturalise them, but it was repealed in the following year. Now the Jews are entitled to every right and privilege that a Christian possesses. It is not possible to say when the Jewish community of this town originated, but it must have been considerably more than a hundred and fifty years ago, as when Hutton wrote in 1781, there was a synagogue in the Froggery, "a very questionable part of the town," and an infamous locality. He quaintly says:—"We have also among us a remnant of Israel,

a people who, when masters of their own country, were scarcely ever known to travel, and who are now seldom employed in anything else. But though they are ever moving they are ever at home; who once lived the favourites of heaven, and fed upon the cream of the earth, but now are little regarded by either; whose society is entirely confined to themselves, except in the commercial line. In the synagogue, situated in the Froggery, they still preserve the faint resemblance of the ancient worship, their whole apparatus being no more than the drooping ensigns of poverty. The place is rather small, but tolerably filled; where there appears less decorum than in the Christian churches. The proverbial expression, 'as rich as a Jew,' is not altogether verified in Birmingham; but, perhaps, time is transferring it to the Quakers. It is rather singular that the honesty of a Jew is seldom pleaded but by the Jew himself." No modern historian would think of using such language now-a-days, respecting the Jews who now abide with us, whose charitable contributions to our public institutions, &c., may bear comparison with those of their Christian brethren. An instance of this was given so far back as December 5th, 1805, the day of general thanksgiving for the glorious victory of Trafalgar. On that day collections were made in all places of worship in aid of the patriotic fund for the relief of those wounded, and of the relatives of those killed in the war. It is worthy of remark that the parish church, St. Martin's, then raised the sum of £37 7s., and the "Jews' Synagogue" £3 3s. At the yearly collections in aid of the medical charities, now annually held on Hospital Sunday, St. Martin's gives between three and four hundred pounds; the Jewish congregation contributes about one hundred and fifty. If, then, the church has thus increased ten-fold in wealth and benevolence in the last seventy years, the synagogue has increased fifty-fold.

Jews' Board of Guardians.—

A committee of resident Jews was appointed in 1869, to look after and relieve poor and destitute families among the Israelites: and though they pay their due quota to the poor rates of their parish, it is much to the credit of the Jewish community that no poor member is permitted to go to the Workhouse or want for food and clothing. The yearly amount expended in relief by this Hebrew Board of Guardians is more than £500, mostly given in cash in comparatively large sums, so as to enable the recipients to become self-supporting, rather than continue them as paupers receiving a small weekly dole. There is an increase in the number of poor latterly, owing to the depression of trade and to the influx of poor families from Poland during the last few years. Another cause of poverty among the Jews is the paucity of artisans among them, very few of them even at the present time choosing to follow any of the staple trades outside those connected with clothing and jewellery.

Jewish Persecutions in Russia.

—On Feb. 6, 1882, a town's meeting was called with reference to the gross persecution of the Jews in Russia, and the collection of a fund towards assisting the sufferers was set afoot, £1,800 being promised at the meeting.

John a' Dean's Hole.—A little brook which took the water from the moat round the old Manor House (site of Smithfield) was thus called, from a man named John Dean being drowned there about Henry VIII.'s time. This brook emptied into the river Rea, near the bottom of Floodgate Street, where a hundred and odd years back, there were two poolholes, with a very narrow causeway between them, which was especially dangerous at flood times to chance wayfarers who chose the path as a near cut to their dwellings, several cases of drowning being on record as occurring at this spot.—See "*Manor House*."

Johnson, Dr. Samuel. — Dr.

Johnson's connection with Birmingham has always been a pleasant matter of interest to the local *literati*, but to the general public we fear it matters naught. His visit to his good friend Dr. Hector in 1733 is historically famous; his translations and writings while here have been often noted; his marriage with the widow Porter duly chronicled; but it is due to the researches of the learned Dr. Langford that attention has been lately drawn to the interesting fact that Johnson, who was born in 1709, actually came to Birmingham in his tenth year, on a visit to his uncle Harrison, who in after years, in his usual plain-speaking style, Johnson described as "a very mean and vulgar man, drunk every night, but drunk with little drink, very peevish, very proud, very ostentatious, but, luckily, not rich." That our local governors have a due appreciation of the genius of the famed lexicographer is shown by the fact of a passage-way from Bull Street to the Upper Priory being named "Dr. Samuel Johnson's Passage!"

Jubilees.—Strange as it may appear to the men of the present day, there has never been a National holiday yet kept equal to that known as the Jubilee Day of George the Third. Why it should have been so seems a great puzzle now. The celebration began in this town at midnight of the 24th October, 1809, by the ringers of St. Philip's giving "five times fifty claps, an interim with the same number of rounds, to honour the King, Queen, the Royal Family, the Nation, and the loyal town of Birmingham." At six o'clock next morning the sluggards were aroused with a second peal, and with little rest the bells were kept swinging the whole day long, the finale coming with a performance of "perpetual claps and clashings" that must have made many a head ache. There was a Sunday school jubilee celebrated September 14, 1831. The fiftieth year's pastorate of Rev. John Angell James was kept September 12, 1855, and the

Jubilee Day of the Chapel in Carr's Lane, September 27, 1870; of Cannon Street Chapel, July 16, 1856; of the Rev. G. Cheate's pastorate, at Lombard Street Chapel, January 11, 1860; of the Missionary Society, September 15, 1864; of Pope Pius the Ninth, in 1877, when the Roman Catholics of this town sent him £1,230, being the third largest contribution from England.

Jubilee Singers.—This troupe of coloured minstrels gave their first entertainment here in the Town Hall April 9, 1874.

Jury Lists.—According to the Jury Act, 6 George IV., the churchwardens and overseers of every parish in England are required to make out an alphabetical list before the 1st September in each year of all men residing in their respective parishes and townships qualified to serve on juries, setting forth at length their Christian and surname, &c. Copies of these lists, on the three first Sundays in September, are to be fixed on the principal door of every church, chapel, and other public place of religious worship, with a notice subjoined that all appeals will be heard at the Petty Sessions, to be held within the last day of September. The jury list for persons resident in the borough, and for several adjoining parishes, may be seen at the office of Mr Alfred Walter, solicitor, Colmore Row, so that persons exempt may see if their names are included.

Justices of the Peace.—The earliest named local Justices of the Peace (March 8, 1327) are "William of Birmingham" and "John Murdak" the only two then named for the county.—See "*Magistrates.*"

Kidneys (Petrified).—In olden days our footpaths, where paved at all, were, as a rule, laid with round, hard pebbles, and many readers will be surprised to learn that five years ago there still remained 50,000 square yards of the said temper-trying paving waiting to be changed into more modern bricks

or stone. Little, however, as we may think of them, the time has been when the natives were rather proud than otherwise of their pebbly paths, for, according to Bisset, when one returned from visiting the metropolis, he said he liked everything in London very much "except the pavement, for the stones were all so smooth, there was no foothold!"

King Edward's Place.—Laid out in 1782 on a 99 years' lease, from Grammar School, at a ground rent of £23, there being built 31 houses, and two in Broad Street.

King's Heath.—A little over three miles on the Alcester Road, in the Parish of King's Norton, an outskirt of Moseley, and a suburb of Birmingham; has added a thousand to its population in the ten years from census 1871 to 1881, and promises to more than double it in the next decennial period. The King's Heath and Moseley Institute, built in 1878, at the cost of Mr. J. H. Nettlefold, provides the residents with a commodious hall, library, and news-room. There is a station here on the Midland line, and the alterations now in the course of being made on that railway must result in a considerable addition to the traffic and the usefulness of the station, as a local dépôt for coal, &c.

King's Norton.—Mentioned in Domesday, and in the olden times was evidently thought of equal standing (to say the least) with its five-miles-neighbour, Birmingham, as in James the First's reign there was a weekly market (Saturdays) and ten fairs in the twelve-months. The market the inhabitants now attend is to be found in this town, and the half-score of fairs has degenerated to what is known as "King's Norton Mop" or October statute fair, for the hiring of servants and labourers, when the Lord of Misrule holds sway, the more's the pity. The King's Norton Union comprises part of the borough of Birmingham (Edgbaston), as well as Balsall Heath, Harborne, Moseley,

Northfield, Selly Oak, &c., and part of it bids fair to become a manufacturing district of some extent, as there are already paper mills, rolling mills, screw works, &c., and the Smethwick men are rapidly advancing in its direction—the Midland Junction with the West Suburban line being also in the parish. The fortified mansion, known as Hawkesley House, in this parish, was the scene of a contest in May, 1645, between King Charles' forces and the Parliamentarians, who held it, the result being its capture, pillage, and destruction by fire.

Kirby's Pools.—A well-known and favourite resort on the outskirts of the borough, on the Bristol Road, and formerly one of the celebrated taverns and tea gardens of past days. The public-house (the "Malt Shovel") having been extended and partially rebuilt, and the grounds better laid out, the establishment was re-christened, and opened as the Bournbrook Hotel, at Whitsuntide, 1877.

Kossuth.—Louis Kossuth, the ex-dictator of Hungary, was honoured with a public welcome and procession of trades, &c., Nov. 10, 1851, and entertained at a banquet in Town Hall on the 12th. He afterwards appeared here May 7 and 8, 1856, in the role of a public lecturer.

Kyott's Lake.—A pool once existing where now is Grafton Road, Camp Hill. There was another pool near it, known as Foul Lake.

Kyrle Society.—So named after the character alluded to by Pope in his "Moral Essays":

“Who taught that heaven-directed spire to rise?”

"The Man of Ross," each lisping babe
replies."

John Kyrle, who died Nov. 11, 1724, though not a native, resided at Ross nearly the whole of his long and loyal life of close on 90 years. and Pope, who often visited the neighbourhood, there became acquainted with him and his

good works, and embalmed his memory in undying verse as an example to future generations. A more benevolent lover of his fellowman than Kyrle cannot be named, and a society for cultivating purity of taste, and a delight in aiding the well-being of others, is rightly called after him. The Birmingham Kyrle Society was established in 1880, and frequent paragraphs in the local papers tell us of their doings, at one time cheering the inmates of the institutions where the sick and unfortunate lie, with music and song, and at another distributing books, pictures, and flowers, where they are prized by those who are too poor to purchase. The officers of the society will be pleased to hear from donors, as let contributions of flowers or pictures be ever so many, the recipients are far more numerous. Mr. Walliker, our philanthropic postmaster, is one of the vice-presidents, and the arrangements of the parcel post are peculiarly suited for forwarding parcels.

Lady Well.—There is mention in a document dated 1347 of a “dwelling in Egebaston Strete leading towards God well feld,” and there can be no doubt that this was an allusion to the Lady Well, or the well dedicated to the blessed Virgin, close to the old house that for centuries sheltered the priests that served St. Martin's, and which afterwards was called the Parsonage or Rectory. The well spring was most abundant, and was never known to fail. The stream from it helped to supply the moat round the Parsonage, and there, joined by the waters from the higher grounds in the neighbourhood of Holloway Head, and from the hill above the Pinfeld, it passed at the back of Edgbaston Street, by the way of Smithfield passage and Dean Street (formerly the course of a brook) to the Manor House moat. The Ladywell Baths were historically famous and, as stated by Hutton, were the finest in the kingdom. The Holy Well of the blessed Virgin still exists,

though covered over and its waters allowed to flow into the sewers instead of the Baths, and any visitor desirous of testing the water once hallowed for its purity must take his course down the mean alley known as Ladywell Walk, at the end in which he will find a dirty passage leading to a rusty iron pump, "presented by Sir E. S. Gooch, Bart., to the inhabitants of Birmingham," as commemorated by an inscription on the dirty stone which covers the spring and its well. God's Well field is covered with workshops, stables, dirty backyards and grimy-looking houses, and the Baths are a timber-yard.

Lambert.—Birmingham had something to do with the fattening of the celebrated Daniel Lambert, the heaviest lump of humanity this country has yet produced, for he was an apprentice to Mr. John Taylor, button maker, of Crooked Lane. His indentures were cancelled through his becoming so fat and unwieldy, and he was sent back to his father, the then governor of Leicester gaol. Daniel died June 21st, 1809, at Stamford, where he was buried; his age was 39, and he weighed 52 stone 11lb. (at 14lb. the stone), measuring 9ft. 4in. round the body, and 3ft. 1in. round the thick of each of his legs.

Lancashire Distress.—The accounts of the Local Fund raised for the relief of the cotton operatives of Lancashire were published Aug. 3, 1863, showing receipts amounting £15,115 4s. 10d.

Lamps.—The number of ordinary lamps in the borough, under the control of the Public Works Department, on the 31st of December, 1882, was 6,591, of which number 1,950 are regulated to consume 5.20 cubic feet, and the remainder, or 4,641, 4.30 cubic feet per hour; their cost respectively inclusive of lighting, cleaning, and extinguishing, was £2 12s. 4½d., and £2 5s. 2½d. per lamp per annum. In addition there are 93 special and 53 ornamental lamps.

Lands.—In Birmingham it is bought and sold by the square yard, and very pretty prices are occasionally paid therefor; our agricultural friends reckon by acres, roods, and perches. The Saxon "hyde" of land, as mentioned in Domesday Book and other old documents, was equivalent to 100, or, as some read it, 120 acres; the Norman "Carucase" being similar.

Land Agency.—An International Land and Labour Agency was established at Birmingham by the Hon. Elihu Burritt in October, 1869; its object being to facilitate the settlement of English farmers and mechanics in the United States, and also to supply American orders for English labourers and domestic servants of all kinds. Large numbers of servant-girls in England, it was thought, would be glad to go to America, but unable to pay their passage-money, and unwilling to start without knowing where they were to go on arriving. This agency advanced the passage-money, to be deducted from the first wages; but, though the scheme was good and well meant, very little advantage was taken of the agency, and, like some other of the learned blacksmith's notions, though a fair-looking tree, it bore very little fruit.

Land and Building Societies.

—Though frequently considered to be quite a modern invention, the plan of a number uniting to purchase lands and houses for after distribution, is a system almost as old as the hills. The earliest record we have of a local Building Society dates from 1781, though no documents are at hand to show its methods of working. On Jan. 17, 1837, the books were opened for the formation of a Freehold Land and Building Society here, but its usefulness was very limited, and its existence short. It was left to the seething and revolutionary days of 1847-8, when the Continental nations were toppling over thrones and kicking out kings, for sundry of our men of light and leading to bethink themselves of the

immense political power that lay in the holding of the land, and how, by the exercise of the old English law, which gave the holder of a 40s. freehold the right of voting for the election of a "knight of the shire," such power could be brought to bear on Parliament, by the extension of the franchise in that direction. The times were out of joint, trade bad, and discontent universal, and the possession of a little bit of the land we live on was to be a panacea for every abuse complained of, and the sure harbinger of a return of the days when every Jack had Jill at his own fireside. The misery and starvation existing in Ireland where small farms had been divided and subdivided until the poor families could no longer derive a sustenance from their several moieties, was altogether overlooked, and "friends of the people" advocated the wholesale settlement of the unemployed English on somewhat similar small plots. Feargus O'Connor, the Chartist leader, started his National Land Society, and thousands paid in their weekly mites in hopes of becoming "lords of the soil;" estates here and there were purchased, allotments made, cottages built, and many new homes created. But as figs do not grow on thistles, neither was it to be expected that men from the weaving-sheds, or the mines, should be able to grow their own corn, or even know how to turn it into bread when grown, and *that* Utopian scheme was a failure. More wise in their generation were the men of Birmingham: they went not for country estates, nor for apple orchards or turnip fields. The wise sagaciousness of their leaders, and the Brums always play well at "follow my leading," made them go in for the vote, the full vote, and nothing but the vote. The possession of a little plot on which to build a house, though really the most important, was not the first part of the bargain by any means at the commencement. To get a vote and thus help upset something or somebody was all that was thought of

at the time, though now the case is rather different, few members of any of the many societies caring at present so much for the franchise as for the "property, property, property." Mr. James Taylor, jun., has been generally dubbed the "the father of the freehold land societies," and few men have done more than him in their establishment, but the honour of dividing the first estate in this neighbourhood, we believe, must be given to Mr. William Benjamin Smith, whilome secretary of the Manchester Order of Odd Fellows, and afterwards publisher of the *Birmingham Mercury* newspaper. Being possessed of a small estate of about eight acres, near to the Railway Station at Perry Barr, he had it laid out in 100 lots, which were sold by auction at Hawley's Temperance Hotel, Jan. 10, 1848, each lot being of sufficient value to carry a vote for the shire. The purchasers were principally members of an Investment and Permanent Benefit Building Society, started January 4, 1847, in connection with the local branch of Oddfellows, of which Mr. Smith was a chief official. Franchise Street, which is supposed to be the only street of its name in England, was the result of this division of land, and as every purchaser pleased himself in the matter of architecture, the style of building may be called that of "the free and easy." Many estates have been divided since then, thousands of acres in the outskirts being covered with houses where erst were green fields, and in a certain measure Birmingham owes much of its extension to the admirable working of the several Societies. As this town led the van in the formation of the present style of Land and Building Societies, it is well to note here their present general status. In 1850 there were 75 Societies in the kingdom, with about 25,000 members, holding among them 35,000 shares, with paid-up subscriptions amounting to £164,000. In 1880, the number of societies in England was 946, in Scotland, 53, and in Ireland 27. The number of members

n the English societies was 320,076, in the scotch 11,902, and in the Irish 6,533. A return relating to these societies in England has just been issued, which shows that there are now 1,687 societies in existence, with a membership of 493,271. The total receipts during the last financial year amounted to £20,919,473. There were 1,528 societies making a return of liabilities, which were to the holders of shares £29,351,611, and to the depositors £16,351,611. There was a balance of unappropriated profit to the extent of £1,567,942. The assets came to £44,587,718. In Scotland there were 15,386 members of building societies; the receipts were £413,609, the liabilities to holders of shares amounted to £679,990, to depositors and other creditors £268,511; the assets consisted of balance due on mortgage securities £987,987, and amount invested in other securities and cash £67,618. In Ireland there were 9,714 members of building societies; the receipts were £778,889, liabilities to the holders of shares £684,396, to depositors and others £432,356; the assets included balance due on mortgage securities £1,051,423, and amount invested in other securities £79,812. There were 150 of the English societies whose accounts showed deficiencies amounting to £27,850; two Scotch societies minus £862, but no Irish short. It is a pity to have to record that there have been failures in Birmingham, foremost among them being that of the Victoria Land and Building Society, which came to grief in 1870, with liabilities amounting to £31,550. The assets, including £5,627 given by the directors and trustees, and £886 contributed by other persons, realised £27,972. Creditors paid in full took £9,271, the rest receiving 8s. 9d. in the pound, and £4,897 being swallowed up in costs. The break-up of the Midland Land and Investment Corporation (Limited) is the latest. This Company was established in 1864, and by no means confined itself to procuring sites for workmen's dwellings, or troubled about

getting them votes. According to its last advertisement, the authorised capital was £500,000, of which £248,900 had been subscribed, but only £62,225 called up, though the reserve fund was stated to be £80,000. What the dividend will be is a matter for the future, and may not even be guessed at at present. The chief local societies, and their present status, are as follows:—

The Birmingham Freehold Land Society was started in 1848, and the aggregate receipts up to the end of 1882 amounted to £680,132 12s. 7d. The year's receipts were £20,978 16s. 5d., of which £11,479 represented payments made by members who had been allotted land on the estates divided by the Society, there being, after payment of all expenses, a balance of £11,779 12s. 9d. The number of members was then 772, and it was calculated that the whole of the allotments made would be paid off in four years.

The Friendly Benefit Building Society was organised in 1859, and up to Midsummer, 1883, the sums paid in amounted to £340,000. The year's receipts were £21,834 19s. 6d., of which £10,037 came from borrowers, whose whole indebtedness would be cleared in about 5½ years. The members on the books numbered 827, of whom 684 were investors and 143 borrowers. The reserve fund stood at £5,704 5s. 9d. There is a branch of this Society connected with Severn Street Schools, and in a flourishing condition, 32 members having joined during the year, and £2,800 having been received as contributions. The total amount paid in since the commencement of the branch in June, 1876, was £18,181 13s. 11d. The Severn Street scholars connected with it had secured property during the past year valued at £2,400.

The Incorporated Building Society comprises the United, the Queen's, the Freeholders', and the Second Freeholders' Societies, the earliest of them established in 1849, the incorporation taking place in 1878. The aggregate receipts of these several Societies would

reach nearly $3\frac{1}{2}$ millions. The amounts paid in since the amalgamation (to the end of 1882) being £1,049,667. As might be expected the present Society has a large constituency, numbering 6,220 members, 693 of whom joined in 1882. The advances during the year reached £78,275, to 150 borrowers, being an average of £500 to each. The amount due from borrowers was £482,000, an average of £540 each. The amount due to investors was £449,000, an average of £84 each. The borrowers repaid last year £104,000, and as there was £482,000 now due on mortgage accounts, the whole capital of the society would be turned over in five years, instead of thirteen and a half, the period for which the money was lent. The withdrawals had been £85,409, which was considerably under the average, as the society had paid away since the amalgamation £520,000, or £104,000 per annum. The amount of interest credited to investors was £19,779. A total of £100,000 had been credited in the last five years. The reserve fund now amounted to £34,119, which was nearly $7\frac{1}{2}$ per cent. on the whole capital employed.

The Birmingham Building Society, No. 1, was established in May, 1842, and re-established in 1853. It has now 1,580 members, subscribing for shares amounting to £634,920. The last report states that during the existence of the society over £500,000 has been advanced to members, and that the amount of "receipts and payments" have reached the sum of £1,883,444. Reserve fund is put at £5,000.

The Birmingham Building Society, No. 4, was established in June, 1846, and claims to be the oldest society in the town. The report to end of June, 1883, gave the number of shares as 801 $\frac{3}{4}$, of which 563 $\frac{1}{4}$ belong to investors, and the remainder to borrowers. The year's receipts were £10,432, and £6,420 was advanced. The balance-sheet showed the unallotted share fund to be £18,042, on deposit £3,915, due

to bank £2,108, and balance in favour of society £976. The assets amounted to £25,042, of which £21,163 was on mortgages, and £3,818 on properties in possession.

St Philip's Building Society was began in January, 1850, since when (up to January, 1883) £116,674 had been advanced on mortgages, and £28,921 repaid to depositing members. The society had then 326 members, holding among them 1,094 $\frac{1}{4}$ shares. The year's receipts were £13,136, and £7,815 had been advanced in same period. The reserve fund was £3,642; the assets £65,940, of which £54,531 was on mortgages, £7,987 deferred premiums, and £2,757 properties in hand.

Several societies have not favoured us with their reports.

Law.—There are 306 solicitors and law firms in Birmingham, 19 barristers, and a host of students and law clerks, each and every one of whom doubtless dreams of becoming Lord Chancellor. The Birmingham Law Society was formed in 1818, and there is a Society of Law Students besides, and a Law Library. At present, our Law Courts comprise the Bankruptcy and County Courts, Assize Courts (held *pro tem* in the Council House), the Quarter Sessions' and Petty Sessions' Courts.

League of Universal Brotherhood.—Originated by Elihu Burritt, in 1846, while sitting in the "Angel," at Pershore, on his walk through England. He came back to Joseph Sturge and here was printed his little periodical called "The Bond of Brotherhood," leading to many International Addresses, Peace Congresses, and Olive-Leaf Missions, but alas! alas! how very far off still seems the "universal peace" thus sought to be brought about. Twenty thousand signatures were attached to "The Bond" in one year. Far more than that number have been slain in warfare every year since.

Lease Lane.—Apparently a cor-

ruption of Lea or Leay Lane, an ancient bye-road running at the back of the Dog or Talbot Inn, the owners of which, some 300 years ago, were named Leays. When the Market Hall was built and sewers were laid round it, the workmen came upon what was at the time imagined to be an underground passage, leading from the Guildhall in New Street to the old Church of St. Martin's. Local antiquarians at the time would appear to have been conspicuous by their absence, as the workmen were allowed to close the passage with rubbish without a proper examination being made of it. Quite lately, however, in digging out the soil for the extension of the Fish Market at a point on the line of Lease Lane, about 60ft. from Bell Street, the workmen, on reaching a depth of 8ft. or 9ft., struck upon the same underground passage, but of which the original purpose was not very apparent. Cut in the soft sandstone, and devoid of any lining, it ran almost at right angles to Lease Lane, and proved to extend half way under that thoroughfare, and some four or five yards into the excavated ground. Under Lease Lane it was blocked by rubbish, through which a sewer is believed to run, and therefore the exact ending of the passage in one direction cannot be traced; in the excavated ground it ended, on the site of a dismantled public-house, in a circular shaft, which may have been that of a well, or that of a cesspool. The passage, so far as it was traceable, was 2½ft. long, 7ft. high, and 4½ft. wide. As to its use before it was severed by the sewerage of Lease Lane, the conjecture is that it afforded a secret means of communication between two houses separated above ground by that thoroughfare, but for what purpose must remain one of the perplexing puzzles of the past. That it had no connection with the Church or the Grammar School (the site of the old Guild House) is quite certain, as the course of the passage was in a different direction.

Leasing Wives.—In the histories of sundry strange lands we read of curious customs appertaining to marriage and the giving in marriage. Taking a wife on trial is the rule of more than one happy clime, but taking a wife upon lease is quite a Brummagem way of marrying (using the term in the manner of many detractors of our town's fair fame). In one of the numbers of the *Gentleman's Magazine*, for the year 1788, Mr. Sylvanus Urban, as the editor has always been called, is addressed as follows by a Birmingham correspondent:—"Since my residing in this town I have often heard there is a method of obtaining a wife's sister upon lease. I never could learn the method to be taken to get a wife upon lease, or whether such connections are sanctioned by law; but there is an eminent manufacturer in the vicinity of this town who had his deceased wife's sister upon lease for twenty years and upwards; and I know she went by his name, enjoyed all the privileges, and received all the honours due to the respectable name of wife." A later case of marital leasing has often been noted against us by the aforesaid smirchers of character as occurring in 1853, but in reality it was rather an instance of hiring a husband.

Leather Hall.—As early as the Norman Conquest this town was famed for its tanneries, and there was a considerable market for leather for centuries after. Two of the Court Leet officers were "Leather Sealers," and part of the proclamation made by the Crier of the Court when it held its meetings was in these words, "All whyte tawers that sell not good chaffer as they ought to do reasonably, and bye the skynnes in any other place than in towne or market, ye shall do us to weet," meaning that anyone knowing of such offences on the part of the "whyte tawers" or tanners should give information at the Court then assembled. New Street originally was entered from High Street under

an arched gateway, and here was the Leather Hall (which was still in existence in Hutton's time), where the "Sealers" performed their functions. It was taken down when New Street was opened out, and though we have an extensive hide and skin market now, we can hardly be said to possess a market for leather other than the boot and shoe shops, the saddlers, &c.

Lench's Trust.—See "*Philanthropic Institutions*"

Liberal Association.—On Feb. 17, 1865, a meeting was held in the committee room of the Town Hall for the purpose of forming an organisation which should "unite all the Liberals of the town, and provide them with a regular and efficient method of exercising a *legitimate* influence in favour of their political principles. The outcome of this meeting was the birth of the now famous Liberal "Caucus," and though the names of ten gentlemen were appended to the advertisement calling the meeting, the honour of the paternity of the Liberal bantling is generally given to Mr. William Harris. The governing body of the association was fixed at two dozen, inclusive of the president, vice, and secretary; all persons subscribing a shilling or more per annum being eligible to become members. The "General Committee," for some time known as the "Four Hundred," was enlarged in 1876 to Six Hundred, and in June, 1880, to Eight Hundred, the Executive Committee, at the same time, being considerably increased. The recent alteration in the franchise, and the division of the borough and out-kirts into seven electoral districts, has led to a reorganisation of the Association, or Associations, for each of the seven divisions now works by itself, though guided by a central Council.—A "Women's Liberal Association" was founded in October, 1873, and a "Junior Liberal Association" in October, 1878.

Libraries.—The first public or semi-public library founded in Bir-

mingham, was the Theological. In 1733, the Rev. William Higgs, first Rector of St. Philip's, left his collection of 550 volumes, and a sum of money, to found a library for the use of clergymen and students. The books, many of which are rare, are kept in a building erected in 1792, adjacent to the Rectory, and are accessible to all for whom the library was designed.—A Circulating Library was opened in Colmore Row, in 1763, and at one time there was a second-class institution of the kind at a house up one of the courts in Dale End.—A "New Library" was opened in Cannon Street, April 26, 1796, which was removed to Temple Row, in 1821, and afterwards united to the Old Library. The latter was commenced in 1779, the first room for the convenience of members being opened in 1782, and the present building in Union Street, erected in 1798. The report of the committee for the year 1882 showed that there were 772 proprietors, at 21s. per annum; 35 annual subscribers, at 31s. 6d. per annum; 528 at 21s.; 6 quarterly, at 9s. per quarter; 53 at 6s. per quarter; 17 resident members of subscribers' families, at 10s. per annum; and 118 resident members of subscribers' families (readers) at 5s. The total number of members was 1,479; the year's subscriptions being £1,594. The price of shares has been raised from two to three guineas during the past year. Receipts from shares, fines, &c., amounted to about £480, making the amount actually received in 1882, £2,012 6s. The expenditure had been £1,818 19s. 9d., inclusive of £60 carried to the reserve fund, and £108 paid on account of the new catalogue; and there remained a balance of £198 6s. 1d. in hand. £782 0s. 9d. had been expended on the purchase of 1,560 additional books, re-binding others, &c., making a total of about 50,000 volumes. The library needs extension, but the shortness of the lease (thirty years only) and the high value of the adjoining land prevents any step

being taken in that direction at present. The Birmingham Law Society's Library was founded in February, 1831, by Mr. Arthur Ryland, and has now nearly 6,000 volumes of law works, law reports (English, Scotch, and Irish), local and personal Acts, &c., &c. The present home in Wellington Passage was opened August 2, 1876, being far more commodious than the old abode in Waterloo-street, the "library" itself being a room 35ft. long, 22ft. wide, and 20ft. high, with a gallery round it. There are several extensive libraries connected with places of worship, such as the Church of the Saviour, Edward Street, Seven Street Schools, the Friends' Meeting House, &c. and a number of valuable collections in the hands of some well-known connoisseurs, literati, and antiquarians, access to most of which may be obtained on proper introduction.

Libraries (The Free).—The first attempt to found a Free Library in this town was the holding of a public meeting in April, 1852, under the provisions of the Museums and Libraries Act of 1850, which allowed of a $\frac{1}{2}$ d. rate being levied for the support of such institutions. Whether the town-folk were careless on the subject, or extra careful, and therefore, doubtful of the sufficiency of the $\frac{1}{2}$ d. rate to provide them, is not certain; but so little interest was shown in the matter that only 534 persons voted for the adoption of the Act, while 363 voted against it, and the question for the time was shelved, as the Act required the assents to be two-thirds of the total votes given. In 1855 the Commissioner of patents presented to the town some 200 volumes, conditionally that they should be kept in a *Free* Library, and about the same time another proposal was made to establish such a Library, but to no effect. The Act was altered so that a penny rate could be made, and in October, 1859, it was again suggested to try the burghesses. On February 21, 1860, the meeting was held and the adoption of

the Act carried by a large majority. A committee of sixteen, eight members of the Council, and eight out of it, was chosen, and in a short time their work was shown by the transfer of 10,000 square feet of land belonging to the Midland Institute, on which to erect a central library, the preparations of plans therefor, the purchase of books, and (April 3, 1861) the opening of the first branch library and reading room in Constitution Hill. Mr. E. M. Barry, the architect of the Midland Institute, put in designs, including Art Gallery, but his figures were too high, being £14,250 10s., the Town Council having only voted £10,500. The plans of Mr. W. Martin, whose estimate was £12,000 were adopted, the Council added £1,500, a loan for the cash was negotiated, and building commenced by Messrs. Branson and Murray, whose tender to do the work for £8,600 was accepted. Thirty-two applications for the chief librarianship at £200 per annum were sent in, the chosen man being Mr. J. D. Mullins, though he was not the one recommended by the Committee. The Central Lending Library (with 10,000 volumes) and Reading-room, with Art Gallery, was formally opened September 6, 1865, and the Reference Library (then containing 18,200 volumes) October 26, 1866. In 1869, the latter was much enlarged by the purchase of 604 square yards of land in Edmund Street, and the total cost of the building came to £14,896. The Branch Library at Adderley Park was opened January 11, 1864; that at Deritend Oct. 2, 1866, and at Gosta Green Feb. 1, 1868. At the end of 1870, the total number of volumes in the whole of the Libraries was 56,764, of which 26,590 were in the Reference, and 12,595 in the Central Lending Library. By 1877, the total number of volumes had reached 86,087, of which 46,520 were in the Reference, and 17,543 in the Central Lending, the total number of borrowers being 8,947 at the Central, 4,188 at Constitution Hill, 3,002 at Deritend, 2,668

at Gosta Green, and 271 at Adderley Park. Meantime several new features in connection with the Reference Library had appeared. A room had been fitted up and dedicated to the reception of the "Shakespeare Memorial Library," presented April 23, 1864; the "Cervantes Library," presented by Mr. Bragge, was opened on a similar date in 1873; the "Staunton Collection" purchased for £2,400, (not half its value) was added Sept. 1, 1875, and very many important additions had been made to the Art Gallery and incipient Museum. For a long time, the 'Free Libraries' Committee had under consideration the necessity of extending the building, by adding a wing, which should be used not only as an Art Gallery, but also as an Industrial Museum; the Art Gallery and its treasures being located in that portion of the premises devoted to the Midland Institute, which was found to be a very inconvenient arrangement. The subject came under the notice of the Council on February 19th, 1878, when the committee submitted plans of the proposed alterations. These included the erection of a new block of buildings fronting Edmund Street, to consist of three storeys. The Town Council approved the plans, and granted £11,000 to defray the cost of the enlargement. About Midsummer the committee proceeded to carry out the plans, and in order to do this it was necessary to remove the old entrance hall and the flight of stairs which led up to the Shakespeare Memorial Library and to the Reference Library, and to make sundry other alterations of the buildings. The Library was closed for several days, and in the meantime the walls, where the entrances were, were pulled down and wooden partitions were run up across the room, making each department of much smaller area than before. In addition to this a boarded-in staircase was erected in Edmund Street, by which persons were able to gain access to the Lending Library, which is on the

ground floor, and to the Reference Library, which was immediately above. A similar staircase was made in Ratcliff-place, near the cab stand, for the accommodation of the members of the Midland Institute, who occupy the Paradise-street side of the building. The space between the two staircases, was boarded up, in order to keep the public off the works during the alterations, and the necessary gas supply pipes, &c., were located outside these wooden partitions. The alterations were well advanced by Christmas, and everything bade fair for an early and satisfactory completion of the undertaking. The weather, however, was most severe, and now and then the moisture in the gas-pipes exposed to the air became frozen. This occurred on the afternoon of Saturday, January 11, 1879, and an employé of the gas office lit a gas jet to thaw one of the pipes. A shaving was blown by the wind across, this light, it blazed; the flame caught other shavings, which had been packed round the pipe to keep the frost out, and in less than a minute the fire was inside, and in one hour the Birmingham Reference Library was doomed to destruction. It was the greatest loss the town had ever suffered, but a new building has arisen on the site, and (with certain exceptions) it is hoped that a more perfect and valuable Library will be gathered to fill it. In a few days after the fire it was decided to ask the public at large for at least £10,000 towards a new collection, and within a week £7,000 had been sent in, the principal donors named in the list being—

	£	s.
The Mayor (Mr. Jesse Collins)	..	10 0
Alderman Chamberlain, M.P. (as Trustee of the late Mrs. Chamberlain, Moor Green)	..	1000 0
Alderman Chamberlain, M.P.	..	500 0
Alderman Avery	..	500 0
Mr. John Jaffray	..	500 0
Mr. A. Follett Osler, F.R.S.	..	500 0
Mr. John Feeney	..	250 0
Mrs. Harrold	..	250 0
Mr. Timothy Kenrick	..	250 0
Mr. William Middlemore	..	250 0
A Friend	..	250 0

	s.
Mr. James Atkins	105 0
Lord Calthorpe	100 0
Lord Teynham	100 0
Mr. Thomas Gladstone ..	100 0
Messrs. William Tonks and Sons ..	100 0
Mr. W. A. Watkins	100 0
Mr. and Mrs. T. Scruton ..	75 0
Dr. Anthony	52 10
Mr. Oliver Pemberton ..	52 10
Alderman Baker	50 0
Alderman Barrow	50 0
Messrs. Cadbury Brothers ..	50 0
Mr. J. H. Chamberlain ..	50 0
Alderman Deykin	50 0
Mr. T. S. Fallows	50 0
Mr. J. D. Goodman	50 0
Councillor Johnson	50 0
Mr. William Martin	50 0
Councillor Thomas Martineau ..	50 0
Councillor R. F. Martineau ..	50 0
Mr. Lawley Parker	50 0
Mrs. E. Phipson	50 0
Messrs. Player Brothers ..	50 0
Mr. Walter Showell	50 0
Mr. Sam Timmins	50 0
The Rev. A. R. Vardy	50 0
Mr. J. S. Wright and Sons ..	50 0
In sums of £20, &c.	480 5
In sums of £10, &c.	247 2
In sums of £5, &c.	169 5
Smaller amounts	88 8

This fund has received many noble additions since the above, the total, with interest, amounting, up to the end of 1883, to no less than £15,500, of which there is still in hand, £10,000 for the purchase of books. The precaution of insuring such an institution and its contents had of course been taken, and most fortunately the requisite endorsements on the policies had been made to cover the extra risk accruing from the alteration in progress. The insurances were made in the "Lancashire" and "Yorkshire" offices, the buildings for £10,000, the Reference Library for £12,000, the Lending Library for £1,000, the Shakespeare Library for £1,500, the Prince Consort statue for £1,000, the models of Burke and Goldsmith for £100, and the bust of Mr Timmins for £100, making £25,700 in all. The two companies hardly waited for the claim to be made, but met it in a most generous manner, paying over at once £20,000, of which £10,528 has been devoted to the buildings and fittings, nearly £500 paid for expenses and injury to statues, and the

remaining £9,000 put to the book purchase fund. In the Reference Library there were quite 48,000 volumes, in addition to about 4,000 of patent specifications. Every great department of human knowledge was represented by the best known works. In history, biography, voyages, and travels, natural history, fine arts, all the greatest works, not only in English, but often in the principal European languages, had been gathered. Volumes of maps and plans, engravings of all sorts of antiquities, costumes, weapons, transactions of all the chief learned societies, and especially bibliography, or "books about books" had been collected with unceasing care, the shelves being loaded with costly and valuable works rarely found out of the great libraries of London, or Oxford, Cambridge, Edinburgh, or Glasgow. Among the collections lost were many volumes relating to the early history of railways in England, originally collected by Mr. Charles Brewin, and supplemented by all the pamphlets and tracts procurable. Many of those volumes were full of cuttings from contemporary newspapers, and early reports of early railway companies, and of the condition of canals and roads. Still more valuable were many bundles of papers, letters, invoices, calculations, etc., concerning the early attempt to establish the cotton manufacture in Birmingham at the beginning of the last century, including the papers of Warren, the printer, and some letters of Dr. Johnson, and others relating the story of the invention of spinning by rollers—the work of John Wyatt and Lewis Paul—long before Arkwright's time. Among the immense collection of Birmingham books and papers were hundreds of Acts of Parliament, Birmingham Almanacs, Directories (from 1770) most curious, valuable, and rare; a heap of pamphlets on the Grammar School, Birmingham History, Topography, and Guides; the political pamphlets of Job Nott and John Nott, some of which were the only copies known, the more ancient pamphlets describing Prince Rupert's Burning

Love (date 1643) and others of that time; reports from the year 1726 of the several local learned institutions; an invaluable collection of maps; programmes of the Festivals; and copies of all the known Birmingham newspapers and periodicals (some being perfect sets) etc., etc. Of all the host not more than 1,000 volumes were saved. The fame of the Shakespeare Memorial Library at Birmingham was world-wide and to us it had extra value as emanating from the love which George Dawson bore for the memory of Shakespeare. It was his wish that the library should be possessed of every known edition of the bard's works in every language, and that it should contain every book ever printed about him or his writings. In the words of Mr. Timmins, "The devotion of George Dawson to Shakespeare was not based upon literary reasons alone, nor did it only rest upon his admiration and his marvel at the wondrous gifts bestowed upon this greatest of men, but it was founded upon his love for one who loved so much. His heart, which knew no inhumanity, rejoiced in one who was so greatly human, and the basis of his reverence for Shakespeare was his own reverence for man. It was thus, to him, a constant pleasure to mark the increasing number of the students of Shakespeare, and to see how, first in one language and then in another, attempts were made to bring some knowledge of his work to other nations than the English-speaking ones; and the acquisition of some of these books by the library was received by him with delight, not merely or not much for acquisition sake, but as another evidence of the ever-widening influence of Shakespeare's work. The contents of this library were to Mr. Dawson a great and convincing proof that the greatest of all English authors had not lived fruitlessly, and that the widest human heart the world has known had not poured out its treasure in vain." So successful had the attempts of the collectors been that nearly 7,000 vol-

umes had been brought together, many of them coming from the most distant parts of the globe. The collection included 336 editions of Shakspeare's complete works in English, 17 in French, 58 in German, 3 in Danish, 1 in Dutch, 1 in Bohemian, 3 in Italian, 4 in Polish, 2 in Russian, 1 in Spanish, 1 in Swedish; while in Frisian, Icelandic, Hebrew, Greek, Servian, Wallachian, Welsh, and Tamil there were copies of many separate plays. The English volumes numbered 4,500, the German 1,500, the French 400. The great and costly editions of Boydell and Halliwell, the original folios of 1632, 1664, and 1685, the very rare quarto contemporary issues of various plays, the valuable German editions, the matchless collection of "ana," in contemporary criticism, reviews, &c., and the interesting garnering of all the details of the Tercentenary Celebration—wall-posters, tickets, pamphlets, caricatures, &c., were all to be found here, forming the largest and most varied collection of Shakspeare's works, and the English and foreign literature illustrating them, which has ever been made, and the greatest literary memorial which any author has ever yet received. So highly was the library valued that its contents were consulted from Berlin and Paris, and even from the United States, and similar libraries have been founded in other places. Only 500 of the books were preserved, and many of them were much damaged. The loss of the famed Staunton or Warwickshire collection was even worse than that of the Shakespearean, rich and rare as that was, for it included the results of more than two centuries' patient work, from the days of Sir William Dugdale down to the beginning of the present century. The manuscript collections of Sir Simon Archer, fellow-labourer of Dugdale, the records of the Berkeley, Digby, and Ferrers families, the valued and patient gatherings of Thomas Sharpe, the Coventry antiquarian, of William Hamper, the Birmingham collector,

and of William Staunton himself, were all here, forming the most wonderful county collection ever yet formed, and which a hundred years' work will never replace. The books, many rare or unique, and of extraordinary value, comprised over 2000 volumes; there were hundreds of sketches and water-colour drawings of buildings long since destroyed, and more than 1,500 engravings of various places in the county, among them being some 300 relating to Birmingham, 200 to Coventry, 200 to Warwick Castle, 200 to Kenilworth Castle, and more than 100 to Stratford-on-Avon. The thousand portraits of Warwickshire Worthies, more rare and valuable still, included no less than 267 distinct portraits of Shakespeare, every one from a different block or plate. There was, in fact, everything about Warwickshire which successive generations of learned and generous collectors could seeure. Among other treasures were hundreds of Acts of Parliament, all pedigrees, pamphlets, &c., about the Earls of Warwick and the town of Warwick; the original vellum volume with the installation of Robert Dudley, Earl of Leicester, to the Order of St. Michael, with his own autograph; volumes of rare, curious autographs of county interest; county poll books, newspapers and magazines; all the rare Civil War pamphlets relating to the Warwickshire incidents; ancient deeds, indulgences, charters, seals, rubbings of brasses long lost or worn away, medals, coins, hundreds in number; and rare and invaluable volumes, like the Duc de Nortombria's "*Arcano de Mare*," and two fine copies of Dugdale's Warwickshire; besides hundreds of books, engravings, caricatures, pamphlets and tracts. The catalogue of this precious collection had only recently been completed, but even that was burnt, so that there is nothing left to show the full extent of the loss sustained. The only salvage consisted of three books, though most providentially one of the three was the splendid

Cartulary of the Priory of St. Anne, at Knowle, a noble vellum folio, richly illuminated by some patient scribe four centuries ago, and preserving not only the names of the benefactors of the Priory, and details of its possessions, but also the service books of the Church, with the ancient music and illuminated initials, as fresh and perfect as when first written. Of almost inestimable value, it has now an acquired interest in the fact of its being, so to speak, all that remains of all the great Staunton collection. The Cervantes Library, which had taken him a quarter of a century to gather together, was presented by Mr. William Bragge. For many years, even in a busy life, Mr. Bragge, in his visits to Spain and his travels all over Europe, had been able to collect nearly all the known editions, not only of "*Don Quixote*," but of all the other works of Cervantes. Not only editions, but translations into any and every language were eagerly sought; and, after cherishing his treasures for many years, Mr. Bragge was so impressed with the Shakespeare Library that he generously offered his unrivalled collection of the great contemporary author to the town of which he is a native, and in which he afterwards came to live. The collection extended from editions published in 1605 down to our own days, and included many very rare and very costly illustrated volumes, which can never be replaced. All the known translations were among the thousand volumes, and all the works were in the choicest condition, but only ten survived the fire.—From the Lending Library about 10,000 volumes were rescued, and as there were nearly 4,000 in the hands of readers, the loss here was comparatively small. The present number of books in the Reference Library bids fair to surpass the collection lost, except, of course, as regards the Shakespeare, Cervantes, and Staunton gatherings, the latter of which it is simply impossible to replace, while it will take many years to make up the other two. There are

now (March, 1884) over 54,000 volumes on the shelves, including 4,300 saved from the fire, about 33,000 purchased, and nearly 17,000 presented. Among the latter are many rare and costly works given to Birmingham soon after the catastrophe by a number of societies and gentlemen connected with the town, as well as others at home and abroad. To catalogue the names of all donors is impossible, but a few of those who first contributed may be given. Foremost, many of the books being of local character, was the gift of Mr. David Malins, which included Schedel's Nuremberg Chronicle, 1492, one vol. ; Camden's Britannia, ed. Gibson, 1695, one vol. ; Ackermann's London, Westminster Abbey, Universities of Oxford and Cambridge, &c., ten vols. ; Works of Samuel Parr, 1828, eight vols. ; Illustrated Record of European Events, 1812-1815, one vol. ; Thompson's Seasons, illustrated by Bartolozzi, and other works, seventy vols. ; Notes and Queries (complete set of five series), 1850-78, fifty-seven vols. ; Dugdale's Warwickshire, 1656, and other books relating to Birmingham, Warwickshire and neighbourhood, seventy-four vols. ; books printed by Baskerville, ten vols. ; Birmingham-printed books, 203 vols. ; books on or by Birmingham authors, fifty-six vols. ; total, 491 vols. : in addition to a collection of about 600 portraits, maps and views relating to Birmingham, Warwickshire and the neighbourhood, including sixty portraits of Shakespeare. The Manchester Town Council sent us from their Public Library about 300 volumes, among which may be named the edition of Barclay's Apology printed by Baskerville (1765) ; a fine copy of the folio edition of Ben Johnson (1640) ; the Duke of Newcastle's New Method to Dress Horses (1667) ; several volumes of the Maidland Club books, the catalogue of the Harleian MSS (1759) ; two tracts of Socinus (1618) ; the Foundations of Manchester (4 vols.) ; Daulby's Rembrandt Catalogue ;

Weever's Funeral Monuments (1631) ; Visconti's Egyptian Antiquities (1837) ; Heylyn's History of St. George (1633), and Nicholl's History of English Poor Law. There are also a considerable number of works of science and general literature of a more modern date. The trustees of the British Museum gave about 150 works, relating to Greek, Egyptian, Syrian, Phœnician, and other antiquities, to various departments of natural science, and other interesting matters, the whole constituting a valuable contribution towards the restored library. The Science and Art Department of South Kensington sent a selection of catalogues, chromo-lithographs, books of etchings, photographs, &c. Dr. F. A. Leo, of Berlin, sent a splendid copy of his valuable *fac-simile* of "Four Chapters of North's Plutarch," illustrating Shakespeare's Roman plays, to replace his former gift-volume lost in the calamitous fire. The volume is one of twenty-four copies, and the learned Professor added a printed dedication as a record of the fire and the loss. Dr. Delius, of Bonn, Herr Wilhelm Oechelhäuser, of Dessau, and other German Shakespeare authors sent copies of their works. Mr. J. Payne Collier offered copies of his rare quarto reprints of Elizabethan books, to replace those which had been lost. Mr. Gerald Massey offered a copy of his rare volume on Shakespeare's Sonnets, "because it is a Free Library." Mr. H. Reader Lack offered a set of the Patent Office volumes from the limited number at his disposal as Chief of the Patent Office. Dr. Kaines, of Trinder Road, London, selected 100 volumes from his library for acceptance ; Mrs. and Miss L. Toulmin Smith sent all they could make up of the works of Mr. J. Toulmin Smith, and of his father, Mr. W. Hawkes Smith, both natives of our town ; Messrs. Low, Son, and Co., gave 120 excellent volumes ; Messrs. W. and R. Chambers, Messrs. Crosby, Lockwood, and Co., and other publishers, valuable books ; Mr. James

Coleman his "Index to Pedigrees," "Somerset House Registers," and "William Penn Pedigrees;" Miss N. Bradley (Bath) the new reissue of Professor Raskin's works; Mr. H. W. Adnitt (Sorewsbury) his reprint of Gough's curious "History of Myddel," and of Churchyard's "Miscellany of Flaunders," and "The Four Ministers of Salop;" Mr. H. F. Osle presented a fine collection of Art books, including Grüner's great work, and Mr. J. H. Stone made a valuable donation of the same kind. The above are mere initials in the list of generous donors, and gives but small idea of the many thousands of volumes which have streamed in from all parts. Many indeed have been the valuable gifts and additions by purchase since the fire, one of the little things being nearly the whole of the almost priceless collection of Birmingham books, papers, &c., belonging to Mr. Sam. Timmins. The sum of £1,100 was paid him for a certain portion of books, but the number he has given at various times is almost past count. Immediate steps were taken after the fire to get the lending department of the Library into work again, and on the 9th of June, 1879, a commodious (though rather dark) reading room was opened in Eden Place, the Town Council allowing a number of rooms in the Municipal Buildings to be used by the Libraries Committee. In a little time the nucleus of the new Reference gathering was also in hand, and for three years the institution sojourned with the Council. The new buildings were opened June 1st, 1882, and the date should be recorded as a day of rejoicing and thanksgiving. The Reference department was opened to readers on the 26th of the same month. In place of the hired rooms so long used as a library in Constitution Hill, there has been erected in the near neighbourhood a neat two-storey building which will accommodate some 2,000 readers per day, and the shelves are supplied with about 7,000 volumes. This new library was opened July 18,

1883. To summarise this brief history of the Birmingham Free Libraries it is well to state that £78,000 has been spent on them, of which £36,392 has been for buildings. The cost of the Central Library so far has been £55,000, the remaining £23,000 being the expenditure on the branch libraries. The present annual cost is £9,372, of which £3,372 goes for interest and sinking fund, so that an addition must soon be made to the 1d. rate, which produces £6,454. The power to increase the rate is given in the last Act of Parliament obtained by the Corporation. At the end of 1882 the Reference Library contained 50,000 volumes. The number of books in the Central Lending Library was 21,394, while the branch lending libraries contained—Constitution Hill, 7,815; Deritend, 8,295; Gosta Green, 8,274; and Adderley Park, 3,122. The aggregate of all the libraries was 98,900 volumes. The issues of books during 1882 were as follows:—Reference Library, 202,179; Central Lending Library, 186,988; Constitution Hill, 73,705; Deritend, 70,218; Gosta Green, 56,160; Adderley Park, 8,497; total, 597,747; giving a daily average of 2,127 issues. These figures are exclusive of the Sunday issues at the Reference Library, which numbered 25,095. The average number of readers in the Reference Library on Sundays has been 545; and the average attendance at all the libraries shows something like 55,000 readers per week, 133 different weekly and monthly periodicals being put on the tables for their use, besides the books. At a meeting of the School Board, June 4, 1875, permission was given to use the several infants' school-rooms connected with the Board Schools, as evening reading rooms in connection with the libraries.

The Shakespeare Memorial Library, though to all intents and purposes part and parcel of the Reference Library, has a separate and distinct history. Mr. Sam. Timmins, who is generally credited with having (in 1858)

first suggested the formation of a library, which should consist solely of Shakespeare's works, and Shakespeareana of all possible kinds, said, at the tercentenary meeting, that the idea originated with George Dawson, but perhaps the honour should be divided, as their mutual appreciation of the greatest poet whose genius has found utterance in our language is well known. The first practical step taken was the meeting held (July 10, 1863) of gentlemen interested in the tercentenary, for the purpose of considering a proposal to celebrate that event by the formation of a Shakespearean library. The Rev. Charles Evans, head master of King Edward's School, presided. The following resolution, moved by Mr. G. Dawson, and seconded by the Rev. S. Bache, was adopted:—"That it is desirable to celebrate the tercentenary of the birth of Shakespeare by the formation of a Shakespearean library, comprising the various editions of the poet's works, and the literature and works of art connected therewith, and to associate such library with the Borough Central Reference Library, in order that it may be permanently preserved." A hundred pounds were subscribed at this meeting, and a committee formed to proceed with the project. In a very few months funds rolled in, and Shakespeareans from all parts of the world sent willing contributions to this the first Shakespearean library ever thought of. It was determined to call it a "Memorial" library, in honour of the tercentenary of 1864, and on the poet's day of that year, the library was formally presented to the town at a breakfast given at Nock's Hotel by the Mayor (Mr. W. Holliday). Dr. Miller, George Dawson, M. D. Hill (Recorder), T. C. S. Kynnersley, R. W. Dale, Sam. Timmins, and others took part in the proceedings, and the Mayor, on behalf of the Free Libraries Committee, accepted the gift on the terms agreed to by the Town Council, viz., that the Library should be

called "The Shakespearean Memorial Library," that a room should be specially and exclusively appropriated for the purposes thereof; that the library should be under the same regulations as the Reference Library; and that the Free Libraries' Committee should maintain and augment it, and accept all works appertaining to Shakespeare that might be presented, &c. As George Dawson prophesied on that occasion, the library in a few years became the finest collection of Shakespearean literature in Europe, therein being gathered from every land which the poet's fame had reached, not only the multitudinous editions of his works, but also every available scrap of literature bearing thereon, from the massive folios and quaint quartos of the old times to the veriest trifle of current gossip culled from the columns of the newspapers. Nothing was considered too rare or too unimportant, so long as it had connection even remote to Shakespeare; and the very room (opened April 23, 1868), in which the books were stored itself acquired a Shakespearean value in its carved and elaborately-appropriate fittings. When started, it was hoped that at least 5,000 volumes would be got together, but that number was passed in 1874, and at the end of 1878 there were more than 8,700, in addition to the books, pictures, documents, and relics connected with Stratford-on-Avon and her gifted son contained in the Staunton collection. How all the treasures vanished has already been told. Much has been done to replace the library, and many valuable works have been secured; but, as the figures last published show, the new library is a long way behind as yet. It now contains 4,558 volumes, valued at £1,352 9s. 3d., classified as follows:—English, 2,205 volumes; French, 322; German, 1,639; Bohemian, 14; Danish, 25; Dutch, 68; Finnish, 4; Frisian, 2; Greek, 9; Hebrew, 2; Hungarian, 44; Icelandic, 3; Italian, 94; Polish,

15; Portuguese, 3; Roumanian, 1; Roumelian, 1; Russian, 56; Spanish, 18; Swedish, 30; Ukraine, 1; Wallachian, 1; and Welsh, 1.

Libraries Suburban.—The rate-payers of the Manor of Aston adopted the Free Libraries Act, May 15, 1877, and their Library forms part of the Local Board buildings in Witton Road. At the end of March, 1883, the number of volumes in the reference library was 3,216, and the issues during the year numbered 8,036. In the lending department the library consists of 5,582 volumes, and the total issues during the year were 74,483; giving a daily average of 245. The number of borrowers was 3,669.—Aston and Handsworth being almost part of Birmingham, it would be an act of kindness if local gentlemen having duplicates on their library shelves, would share them between the two.

Handsworth Free Library was opened at the Local Board Offices, of which building it forms a part, on May 1, 1880, with a collection of about 5,000 volumes, which has since been increased to nearly 7,500. That the library is appreciated is shown by the fact that during last year the issues numbered 42,234 volumes, the borrowers being 514 males and 561 females.

Smethwick Free Library and Reading Room was opened Aug. 14, 1880.

King's Norton.—In or about 1680, the Rev. Thomas Hall, B.D., founded a curious old Library for the use of the parishioners, and the books are preserved in the Grammar School, near the Church. This is the earliest *free* library known in the Midlands.

Licensed Victuallers' Society.

—See "*Trade Protection Societies.*"

Licensed Victuallers' Asylum.

—See "*Philanthropical Institutions.*"

Licensed Victuallers.—The following table shows the number of licensed victuallers, dealers in wine, beer, &c., in the borough as well as the holders of what are known as outdoor licenses:—

Year	Licensed Victuallers.	Beer and Wine Oh.	Total.	Population.	Beer, &c., Off.	Grocers.
1870	687	1166	1853	337,982	..	..
1871	683	1165	1848	343,690	..	..
1872	684	1117	1801	349,398	..	23
1873	684	1083	1767	355,106	4	53
1874	680	1081	1761	360,814	4	53
1875	676	1057	1733	366,522	7	73
1876	675	1059	1734	372,230	171	73
1877	673	1054	1727	377,938	223	74
1878	672	1016	1718	383,646	334	77
1879	671	1061	1732	389,354	433	61
1880	670	1060	1730	395,062	454	63
1881	669	1054	1723	400,774	454	55
1882	670	1054	1724	406,482	459	57

Lifeboats.—In 1864-65 a small committee, composed of Messrs. H. Fulford, G. Groves, J. Pearce, D. Moran, G. Williams, R. Foreshaw, and G. Lempriere, aided by the Mayor and Dr. Miller, raised about £500 as a contribution from Birmingham to the Royal National Lifeboat Institution. Two boats were credited to us in the Society's books, one called "Birmingham" (launched at Soho Pool, November 26, 1864), and the other the "James Pearce." These boats, placed on the Lincolnshire and Norfolk coasts, were instrumental in the saving of some hundreds of lives, but both have, long since, been worn out, and it is about time that Birmingham replaced them. Messrs. C. and W. Barwell, Pickford Street, act as local hon. secs. The "Charles Ingleby" lifeboat, at Hartlepool, was paid for, and the establishment for its maintenance endowed, out of the sum of £1,700, contributed by C. P. Wragge, Esq., in memory of the late Rev. Charles Ingleby.

Lifford, in the parish of King's Norton, once boasted of a Monastic establishment, which was squelched by Bluff King Harry, the only remains now to be found consisting of a few more than half-buried foundations and watercourses.

Lighting.—Oil lamps for giving light in the streets were in limited use

here in 1733, even before an Act was obtained to enforce payment of a rate therefor. Deritend and Bordesley obtained light by the Act passed in 1791. The Street Commissioners, Nov. 8, 1816, advertised for tenders for lighting the streets with gas, but it was nearly ten years (April 29, 1826) before the lamps were thus supplied. The Lighting Act was adopted at Saltley April 1, 1875. Lighting the streets by electricity *may* come some day, though, as the Gas Works belong to the town, it will, doubtless, be in the days of our grandchildren.

Lighting by Electricity.—After the very successful application of the electric light in the Town Hall on the occasion of the Festival in 1882, it is not surprising that an attempt should be made to give it a more extended trial. A scheme has been drawn out by the Crompton-Winfield Company for this purpose, and it has received the sanction of the Town Council, and been confirmed by the Board of Trade, shopkeepers in the centre of the town may soon have a choice of lights for the display of their wares. The area fixed by the scheme is described by the following boundaries:—Great Charles Street to Congreve Street; Congreve Street to Edmund Street; Edmund Street to Newhall Street; Newhall Street to Colmore Row; Colmore Row to Bull Street; Bull Street, High Street, New Street, Stephenson Place, Paradise Street, and Easy Row. The streets to be supplied with electric mains within two years are as follows:—Great Charles Street (to Congreve Street), Congreve Street, New Street, Stephenson Place, Easy Row, and Paradise Street. The Corporation are to have powers of purchasing the undertaking at the end of sixteen years—that is, fourteen years after the expiration of the two-years' term allowed for the experimental lighting of the limited area. The order, while fully protecting the rights of the public and of the Corporation, justly recognises the experimental character of the pro-

ject of electric-lighting from a common centre, and is much more favourable, in many ways, to the promoters than the legislation under which gas undertakings are conducted. Whether this will tend towards reducing the price of gas remains to be seen.

Lightning Conductors were introduced here in 1765.

Lindon.—The Minerva, in Peck Lane, was, circa 1835, kept by "Joe Lindon," a host as popular then as our modern "Joe Hillman," up at "The Stores," in Paradise Street.

Literary Associations.—The Central Literary Association first met Nov. 28, 1856. The Moseley and Balsall Heath, Oct. 11, 1877.

Livery Street.—So called from the Livery stables once there, opposite Brittle street, which is now covered by the Great Western Railway Station.

Livingstone.—Dr. Livingstone, the African traveller, delivered an address in the Town Hall, October 23, 1857.

Loans.—According to the Registrar-General's late report, there were 380 loan societies in the kingdom, who had among them a capital of £122,160, the members of the said societies numbering 33,520, giving an average lending capital of £3 12s. 10½d. each. That is certainly not a very large sum to invest in the money market, and it is to be hoped that the score or two of local societies can show better funds. What the profits of this business are frequently appear in the reports taken at Police Courts and County Courts, where Mr. Cent-per-Cent, now and then bashfully acknowledges that he is sometimes satisfied with a profit of 200 per cent. There *are* respectable offices in Birmingham where loans can be obtained at a fair and reasonable rate, but *Punch's* advice to those about to marry may well be given in the generality of cases, to anyone thinking of visiting a loan office. Young men starting in business may, under certain conditions,

obtain help for that purpose from the "Dudley Trust."—See "*Philanthropical Trusts.*"

Loans, Public.—England, with its National Debt of £776,000,000, is about the richest country in the world, and if the amount of indebtedness is the sign of prosperity, Birmingham must be tolerably well off. Up to the end of 1882 our little loan account stood thus:—

	Borrowed	Repaid	Owing.
Baths	£62,425	£27,743	£34,682
Cemetery	46,500	19,316	27,184
Closed Burial Grnds	10,000	41	9,959
Council House ..	135,762	10,208	125,554
Fire Brigade Station	6,000	53	5,947
Free Libraries ..	56,050	7,534	48,516
Gael	92,350	79,425	12,925
Industrial School..	13,710	2,310	11,400
Asylum, Wins-on Gr.	100,000	97,020	2,980
" Rubery Hill	100,012	5,887	94,125
Market Hall & Markets	186,942	73,463	113,479
Mortuaries	700	103	597
Parks	63,210	12,347	50,863
Paving roads ..	158,100	20,088	128,012
Paving footways ..	75,950	8,113	71,837
Police Stations ..	25,231	9,839	15,392
Public Office ..	23,409	14,285	9,115
Sewers & Sewerage	365,235	81,338	284,897
Tramways	65,450	17,125	48,325
Town Hall	69,521	37,883	31,638
Town Improvem'ts	348,680	134,156	214,524
	2,010,227	668,278	1,341,949
Improvem't scheme	1,534,751	31,987	1,502,744
Gasworks	2,184,186	142,359	2,041,827
Waterworks	1,814,792	5,086	1,809,706
Totals	7,543,936	847,710	6,696,226

The above large total, however, does not show all that was owing. The United Drainage Board have borrowed £386,806, and as Birmingham pays £24,722 out of the year's expenditure of £33,277 of that Board, rather more than seven-tenths of that debt must be added to the Borough account, say £270,000. The Board of Guardians have, between June, 1869, and January, 1883, borrowed on loan £130,093, and during same period have repaid £14,808, leaving £115,285 due by them, which must also be added to the list of the town's debts.

Local Acts.—There have been a sufficient number of specially-local

Acts of Parliament passed in connection with this town to fill a law library of considerable size. Statutes, clauses, sections, and orders have followed in rapid succession for the last generation or two. Our forefathers were satisfied and gratified if they got a regal of parliamentary notice of this kind once in a century, but no sooner did the inhabitants find themselves under a "properly-constituted" body of "head men," than the lawyers' game began. First a law must be got to make a street, another to light it, a third to pave it, and then one to keep it clean. It is a narrow street, and an Act must be obtained to widen it; when widened some wiseacre thinks a market should be held in it, and a law is got for that, and for gathering tolls; after a bit, another is required to remove the market, and then the street must be "improved," and somebody receives more pounds per yard than he gave pence for the bit of ground wanted to round off the corners; and so the Birmingham world wagged on until the town became a big town, and could afford to have a big Town Hall when other big towns couldn't, and a covered Market Hall and a Smithfield of good size, while other places dwelt under bare skies. The Act by which the authority of the Street Commissioners and Highway Surveyors was transferred to the Corporation was passed in 1851; the expenses of obtaining it reaching nearly £9,000. It took effect on New Year's Day following, and the Commissioners were no longer "one of the powers that be," but some of the Commissioners' bonds are effective still. Since that date there have been twenty local statutes and orders relating to the borough of Birmingham, from the Birmingham Improvement Act, 1851, to the Provisional Order Confirmation Act, passed in 1882, the twenty containing a thousand or more sections. All this, however, has recently been altered, the powers that are now having (through the Town Clerk, Mr. Orford Smith) rolled all the old Acts into one,

eliminating useless and obsolete clauses, and inserting others necessitated by our high state of advanced civilisation. The new Act, which is known as the Birmingham Corporation Consolidation Act, came into force January 1, 1884, and all who desire to master our local governing laws easily and completely had better procure a copy of the book containing it, with notes of all the included statutes, compiled by the Town Clerk, and published by Messrs. Cornish, New Street.

Local Epitaphs. — Baskerville, when young, was a stone cutter, and it was known that there was a gravestone in Handsworth churchyard and another in Edgbaston churchyard which were cut by him. The latter was accidentally broken many years back, but was moved and kept as a curiosity until it mysteriously vanished while some repairs were being done at the church. It is believed that Baskerville wrote as well as carved the inscription which commemorated the death of Edward Richards who was an idiot, and died Sept. 21st, 1728, and that it ran thus :—

"If innocents are the fav'rites of heaven,
And God but little asks where little's given,
My great Creator has for me in store
Eternal joys—What wise man can ask
more?"

The gravestone at Handsworth was "under the chancel window," sixty years ago, overgrown with moss and weeds, but inscription and stone have long since gone. Baskerville's own epitaph, on the Mausoleum in his grounds at Easy Hill, has often been quoted :—

Stranger,
Beneath this cone, in unconsecrated ground,
A friend to the liberties of mankind directed
his body to be inurned.
May the example contribute to emancipate
thy mind
From the idle fears of Superstition,
And the wicked Act of Priesthood!

Almost as historical as the above, is the inscription on the tombstone erected over Mary Ashford, at Sutton Coldfield :—

As a Warning to Female Virtue,
And a humble Monument of Female Chastity
This Stone marks the Grave
of

MARY ASHFORD,
Who, in the 20th year of her age,
Having incautiously repaired
To a scene of amusement
Without proper protection,
Was brutally violated and murdered,
On the 27th May, 1817.

Lovely and chaste as is the primrose pale,
Rifted of virgin sweetness by the gale,
Mary! The wretch who thee remorseless
slew,
Will surely God's avenging wrath pursue.

For, though the deed of blood be veiled in
night,
"Will not the Judge of all the earth do
right?"
Fair, blighted flower! The muse, that weeps
thy doom,
Rears o'er thy sleeping dust this warning
tomb!

The following quaint inscription appears on the tombstone erected in memory of John Dowler, the blacksmith, in Aston churchyard :—

Sacred to the Memory of
JOHN DOWLER,
Late of Castle Bromwich, who
Departed this life December 6th, 1787,
Aged 42,
Also two of his SONS, JAMES and CHARLES,
Who died infants.

My sledge and hammer lie reclined,
My bellows, too, have lost their wind
My fire's extinct, my forge decayed,
And in the dust my vice is laid ;
My coal is spent, my iron gone,
My nails are drove, my work is done.

The latter part of the above, like the next four, has appeared in many parts of the country, as well as in the local burial grounds, from which they have been copied :—

From St. Bartholomew's :

"The bitter cup that death gave me
Is passing round to come to thee."

From General Cemetery :

"Life is a city full of crooked streets,
Death is the market-place where all men
meets ;
If life were merchandise which men could
buy,
The rich would only live, the poor would
die."

From Witton Cemetery :

"O earth, O earth ! observe this well—
That earth to earth shall come to dwell ;
Then earth in earth shall close remain,
Till earth from earth shall rise again."

From St. Philip's :

"Oh, cruel death, how could you be so unkind
To take him before, and leave me behind ?
You should have taken both of us, if either,
Which would have been more pleasing to
the survivor."

The next, upon an infant, is superior to the general run of this class of inscription. It was copied from a slab intended to be placed in Old Edgbaston Churchyard :

"Beneath this stone, in sweet repose,
Is laid a mother's dearest pride ;
A flower that scarce had waked to life,
And light and beauty, ere it died.
God and His wisdom has recalled
The precious boon His love has given ;
And though the casket moulders here,
The gem is sparkling now in heaven."

Ramblers may find many quaint epitaphs in neighbouring village churchyards. In Shustoke churchyard, or rather on a tablet placed against the wall of the church over the tomb of a person named Hautbach, the date on which is 1712, there is an inscription, remarkable not only for lines almost identical with those over Shakespeare's grave, but for combining several other favourite specimens of graveological literature, as here bracketed :

"When Death shall cut the thread of life,
Both of Mee and my living Wife,
When please God our change shall bee,
There is a Tomb for Mee and Shee,
Wee freely shall resign up all
To Him who gave, and us doth call.
{ Sleep here wee must, both in the Dust,
{ Till the Resurrection of the Just.
{ Good friend, within these Railes forbear
{ To dig the dust enclosed here.
{ Blest bee the man who spares these stones
{ And Curst be he that moves our bones.
{ Whilst living here, learn how to die ;
{ This benefit thou'lt reap thereby :
{ Neither the life or death will bee
{ Grievous or sad, but joy to thee.
{ Watch thoue, and pray ; thy time well spend ;
{ Unknown is the hour of thy end.
{ As thou art, so once were wee,
{ As wee are, so must thou bee,
Dumspiramus Speramus."

It is a collection of epitaphs in itself, even to the last line, which is to be found in Durham Cathedral on a "brass" before the altar.

Local Landowners.—It is somewhat a difficult matter to tell how much of the ground on which the town is built belongs to any one particular person, even with the assistance of the "Returns" obtained by John Bright of "the owners of land so called, possessing estimated yearly rentals of £1,000 and upwards." That these "Returns" may be useful to biassed politicians is likely enough, as Lord Calthorpe is put down as owner of 2,073 acres at an estimated rental of £113,707, while Mr. Muntz appears as owning 2,486 acres at an estimated rental of £3,948. His lordship's £113,707 "estimated" rental must be considerably reduced when the leaseholders have taken their share and left him only the ground rents. The other large ground landlords are the Trustees of the Grammar School, the Trustees of the Colmore, Gooch, Vyse, Inge, Digby, Gillot, Robins, and Mason estates, &c., Earl Howe, Lench's Trust, the Blue Coat School, &c. The Corporation of Birmingham is returned as owning 257 acres, in addition to 134 had from the Waterworks Co., but that does not include the additions made under the Improvement Scheme, &c. The manner in which the estates of the old Lords of the Manor, of the Guild of Holy Cross, and the possessions of the ancient Priory, have been divided and portioned out by descent, marriage, forfeiture, plunder, and purchase is interesting matter of history, but rather of a private than public nature.

Local Notes and Queries.—The gathering of odd scraps of past local history, notes of men and manners of a bygone time, and the stray (and sometimes strange) bits of folklore garnered alone in the recollections of greybeards, has been an interesting occupation for more than one during the past score or

two of years. The first series of "Local Notes and Queries" in our newspapers appeared in the *Gazette*, commencing in Feb., 1856, and was continued till Sept., 1860. There was a somewhat similar but short series running in the columns of the *Journal* from August, 1861, to May, 1862. The *Daily Post* took it up in Jan., 1863, and devoted a column per week to "Notes" up to March, 1865, resuming at intervals from 1867 to 1872. The series now (1884) appearing in the *Weekly Post* was commenced on the first Saturday (Jan. 6) in 1877.

Local Taxation.—See "*Municipal Expenditure.*"

Locks.—The making of locks must have been one of the earliest of our local trades, as we read of one at Throckmorton of very quaint design, but rare workman-ship, with the name thereon of "Johannes Wilkes, Birmingham," towards the end of the 17th century. In 1824 there were 186 locksmiths named in the Directory.

Lodger Franchise.—Considering the vast amount of interest taken in all matters connected with local Parliamentary representation, and the periodical battles of bile and banter carried on in the Revision Courts over the lists of voters, it is somewhat curious to note how little advantage has been taken of the clause in the last Reform Bill which gives the right of voting to lodgers. The qualification required is simply the exclusive occupation of lodgings which, if let unfurnished, are of the clear yearly value of £10; and there must be many hundreds of gentlemen in the borough residing in apartments who would come under this head. Out of a total of 63,221 electors in 1883 there were only 72 who had claimed their right to vote. In many other boroughs the same discrepancy exists, though here and there the political wire-pullers have evidently seen how to use the lodger franchise to much better effect, as in the case of Worcester for instance,

where there are 59 lodger voters out of a total of 6,362.—See "*Parliamentary Elections.*"

London 'Prentice Street, was called Western Street or Westley's Row on the old maps, its continuation, the Coach Yard, being then Pemberton's Yard. How the name of London 'Prentice Street came to be given to the delectable thoroughfare is one of "those things no fellow can understand." At one time there was a school-room there, the boys being taught good manners upstairs, while they could learn lessons of depravity below. With the anxious desire of putting the best face on everything that characterises the present local "fathers of the people," the London 'Prentice has been sent to the right-about, and the nasty dirty stinking thoroughfare is now called "Dalton Street."

Loveday Street, from Loveday Croft, a field given in Good Queen Bess's reign, by John Cooper, as a trysting-place for the Brummagem lads and lasses when on wooing bent.

Low Rents.—A return of unassessed houses in the parish of Birmingham, taken October 19, 1790, showed 2,000 at a rental under £5, 2,000 others under £6, 3,000 under £7, 2,000 under £8, 500 under £9, and 500 under £10.

Lozells.—In the lease of a farm of 138 acres, sold by auction, June 24, 1793, it was written "Lowcells." Possibly the name is derived from the Saxon "lowe" (hill) and "cele" (cold or chill) making it "the cold hill."

Lunacy.—Whether it arises from political heat, religious ecstasies, intemperance, or the cares and worry of the universal hunt for wealth, it is certainly a painful fact to chronicle that in proportion to population insanity is far more prevalent now than it was fifty years ago, and Birmingham has no more share in such excess than other parts of the kingdom. Possibly, the figures show more prominently

from the action of the wise rules that enforce the gathering of the insane into public institutions, instead of leaving the unfortunates to the care (or carelessness) of their relatives as in past days, when the wards of the poor-houses were the only receptacles for those who had no relatives to shelter them. The erection of the Borough Asylum, at Winson Green, was commenced in 1846, and it was finished in 1851. The house and grounds covered an area of about twenty acres, the building being arranged to accommodate 330 patients. Great as this number appeared to be, not many years passed before the necessity of enlargement was perceived, and, ultimately, it became evident the Winson Green establishment must either be doubled in size or that a second Asylum must be erected on another site. An estate of 150 acres on the south-eastern slopes of Rubery Hill, on the right-hand side of the turnpike road from here to Bromsgrove, was purchased by the Corporation, and a new Asylum, which will accommodate 616 patients, has there been erected. For the house and its immediate grounds, 70 acres have been apportioned, the remainder being kept for the purposes of a farm, where those of the inmates fit for work can be employed, and where the sewage from the asylum will be utilised. The cost of the land was £6,576 8s. 5d., and that of the buildings, the furnishing, and the laying out of the grounds, £133,495 5s. 8d. The report of the Lunatic Asylums Committee for 1882 stated that the number of patients, including those boarded under contract at other asylums, on the first of Jan., 1882, was 839. There were admitted to Winson Green and Rubery Hill during the year 349. There were discharged during the year 94, and there died 124, leaving, on the 31st Dec., 970. The whole of the 970 were then at the borough asylums, and were chargeable as follows:—To Birmingham parish, 644; to Birmingham borough, 8; to Aston Union, in the borough,

168; to King's Norton, 16; to other unions under contract, 98; the remaining 36 patients not being paupers. The income of the asylums for the year was—from Birmingham patients £20,748 1s. 9.; from pauper patients under contract, and from patients not paupers, £2,989 9s. 5d.; from goods sold, £680 1s. 5d.; total, £24,417 12s. 7d. The expenditure on maintenance account was £21,964 4s., and on building capital account £2,966 7s. 7d.—total, £24,915 11s. 7d.; showing a balance against the asylums of £497 19s. The nett average weekly cost for the year was 9s. 6½d. per head. Mr. E. B. Whitecombe, medical superintendent at Winson Green, says that among the causes of insanity in those admitted it is satisfactory to note a large decrease in the number from intemperance, the percentage for the year being 7·7, as compared with 18 and 21 per cent. in 1881 and 1880 respectively. The proportion of recoveries to admissions was in the males 27·7, in the females 36, and in the total 32·3 per cent. This is below the average, and is due to a large number of chronic and unfavourable cases admitted. At Rubery Hill Asylum, Dr. Lyle reports that out of the first 450 admissions there were six patients discharged as recovered.—The Midland Counties' Idiot Asylum, at Knowle, opened in 1867, also finds shelter for some of Birmingham's unfortunate children. The Asylum provides a home for about 50, but it is in contemplation to considerably enlarge it. At the end of 1882 there were 28 males and 21 females, 47 being the average number of inmates during the year, the cost per head being £41 13s. 6d. Of the limited number of inmates in the institution no fewer than thirteen came from Birmingham, and altogether as many as thirty-five candidates had been elected from Birmingham. The income from all sources, exclusive of contributions to the building fund, amounted to £2,033 3s. 8d., and the total expenditure including £193 3s. 4d. written off

for depreciation of buildings) to £1,763 15s. 7d., leaving a balance in hand of £269 8s. 1d. The fund which is being raised for the enlargement of the institution then amounted to £605 15s., the sum required being £5,000. The society's capital was then £10,850 12s. 8d. of which £7,358 12s. 5d. had been laid out in lands and buildings. Mr. Tait, the medical officer, was of opinion that one-fourth of the children were capable of becoming productive workers under kindly direction and supervision, the progress made by some of the boys in basket-making being very marked.

Lunar Society.—So called from the meetings being held at the full of the moon that the members might have light nights to drive home, but from which they were nicknamed "the lunatics." Originally commenced about 1765, it included among its members Baskerville, Boulton, Watt, Priestley, Thomas Day, Samuel Galton, R. L. Edgeworth, Dr. Withering, Dr. Small, Dr. Darwin, Wedgwood, Keir, and indeed almost every man of intellectual note of the time. It died down as death took the leaders, but it may be said to have left traces in many learned societies of later date.

Luncheon Bars.—The honour of introducing the modern style of luncheon bar must be awarded to the landlord of the Acorn, in Temple Street, who, having seen something of the kind in one of the Channel Islands, imported the notion to Birmingham. The lumber rooms and stables at back of his house were cleared and fitted up as smoke rooms, and bread and cheese, and beer, &c., dealt out over the counter. Here it was that Mr. Hillman took his degree as popular waiter, and from the Acorn also he took a wife to help him start "The Stores," in Paradise Street. Mr. Thomas Hanson was not long behind Hillman before he opened up "The Corner Stores," in Union Passage, following that with the "St. James" in New

Street, and several others in various parts of the town. The "Bars" are now an "institution" that has become absolutely indispensable, even for the class who prefer the semi-privacy of the "Restaurants," as the proprietors of the more select Bars like to call their establishments.

Magistrates.—By direction of the Queen's Council, in 1569, all magistrates had to send up "bonds" that they would subscribe to the then recently passed Act for the Uniformity of Common Prayers and Services in the Church, and the Administration of the Sacraments. The local name of Middlemore appears among the few in this county who objected to do so, and most likely his descendants would do the same. The first twenty-five of our borough magistrates were appointed about nine weeks after the date of the Charter of Incorporation, 1839. In 1841, 1849, 1856, and 1859, other gentlemen were placed on the roll, and in April, 1880, ten more names were added to the list, having been sent up to the Lord Chancellor a few days before he vacated office, by some knowing gentlemen who had conceived a notion that the Conservative element was hardly strong enough among the occupants of the Bench. There are now 52, in addition to the Stipendiary Magistrate and the Recorder, and as politics *must* enter into every matter connected with public life in Birmingham, we record the interesting fact that 31 of these gentlemen are Liberals and 21 Conservatives. Mr. T. C. S. Kynnersley first acted as Stipendiary, April, 19, 1856.

Magazines.—See "*Newspapers and Periodicals.*"

Manor House.—How few of the thousands who pass Smithfield every day know that they are treading upon ground where once the Barons of Birmingham kept house in feudal grandeur. Whether the ancient Castle, destroyed in the time of Stephen, preoccupied the site of the Manor House

(or, as it was of late years called—the Moat House), is more than antiquarians have yet found out, any more than they can tell us when the latter building was erected, or when it was demolished. Hutton says: “The first certain account we meet of the moat (which surrounded the island on which the erections were built) is in the reign of Henry the Second, 1154, when Peter de Bermingham, then lord of the fee, had a castle here, and lived in splendour. All the succeeding lords resided upon the same island till their cruel expulsion by John, Duke of Northumberland, in 1537. The old castle followed its lords, and is buried in the ruins of time. Upon the spot, about fifty years ago [1730], rose a house in the modern style, occupied by a manufacturer (Thomas Francis); in one of the outbuildings is shown the apartment where the ancient lords kept their court leet. The trench being filled with water has nearly the same appearance now as perhaps a thousand years ago; but not altogether the same use. It then served to protect its master, but now to turn a thread mill.” Moat Lane and Mill Lane are the only names by which the memory of the old house is now retained. The thread mill spoken of by Hutton gave place to a brass or iron foundry, and the property being purchased by the Commissioners, the whole was cleared off the ground in 1815 or 1816, the sale of the building materials, &c., taking place July 5, 1815. Among the “lots” sold, the Moat House and offices adjoining realised £290; the large gates at the entrance with the brick pillars, £16; the bridge, £11; the timber trees, £25; a fire engine with carriage, &c., £6 15s. (possibly some sort of steam engine, then called fire engines); the total produce, including counting-house, warehouse, casting, tinning, burnishing, blacking, and blacksmiths’ shops, a horse mill, scouring mill, and a quantity of wood sheds and palisading, amounted to nearly £1,150. The prosaic minds of the Commission-

ers evidently did not lead them to value “the apartments where the ancient lords kept their court,” or it had been turned into a scouring or tinning shop, for no mention was made of it in the catalogue of sale, and as the old Castle disappeared, so did the Manor House, leaving not a stone behind. Mr. William Hamper took a sketch of the old house, in May, 1814, and he then wrote of the oldest part of the building, that it was “half-timbered,” and seemingly of about Henry VIII.’s time, or perhaps a little later, but some of the timbers had evidently been used in a former building (probably the old Manorial residence) as the old mortices were to be seen in several of the beams and uprights. The house itself was cleared away in May, 1816, and the last of the outbuildings in the following month. So perfect was the clearance, that not even any of the foundations have been turned up during the alterations lately effected in Smithfield Market. In 1746, the “manorial rights” were purchased by Thomas Archer, of Umberslade, from whose descendants they were acquired by the Commissioners, in 1812, under an Act of Parliament obtained for the purpose, the price given for the Manor House, moat, and ground, being £5,672, in addition to £12,500, for “market toils,” &c.

Manufactures.—For a few notes respecting the manufactures carried on in Birmingham, see “*Trades.*”

Maps of Birmingham.—Westley’s “Plan of Birmingham, surveyed in the year 1731,” is the earliest published map yet met with; Bradford’s in 1750, is the next. Hanson’s of 1778, was reduced for Hutton’s work, in 1781. For the third edition, 1792, Pye’s map was used, and it was added to in 1795. 1800 saw Bissett’s “Magnificent Directory” published, with a map; and in 1815 Kempson’s survey was taken, and, as well as Pye’s, was several times issued with slight alterations, as required. In 1825, Pigott

Smith's valuable map, with names of landowners (and a miniature copy of Westley's in upper left-hand corner), was issued, and for many years it was the most reliable authority that could be referred to. 1834 was prolific in maps; Arrowsmith's, Wrightson and Webb's, Guest's, and Hunt's, appearing, the best of them being the first-named. The Useful Knowledge Society's map, with views of public buildings, was issued in 1844, and again in 1849. In 1848, Fowler and Son published a finely-engraved map, 68 $\frac{1}{2}$ in. by 50 $\frac{1}{2}$ in., of the parish of Aston, with the Duddeston-cum-Nechells, Deritend, and Bordesley wards, and the hamlets of Erdington, Castle Bromwich, Little Bromwich, Saltley, and Washwood Heath, Water Orton, and Witton. The Board of Health map was issued in 1849; Guest's reissued in 1850; Blood's "ten-mile map" in 1853; and the Post-office Directory map in 1854. In the next year, the Town Council street map (by Pigott Smith) was published, followed by Moody's in 1858, Cornish's and Granger's in 1860, and also a corrected and enlarged edition of the Post-office Directory map. A variety, though mostly of the nature of street maps, have appeared since then, the latest, most useful, and correct (being brought down to the latest date) being that issued to their friends, mounted for use, by Messrs. Walter Showell and Sons, at whose head offices in Great Charles Street copies can be obtained. —In 1882 the Corporation reproduced and issued a series of ancient and hitherto private maps of the town and neighbourhood, which are of great value to the historian and everyone interested in the land on which Birmingham and its suburbs are built. The first of these maps in point of date is that of the Manor of Edgbaston 1718, followed by that of the Manor of Aston 1758, Little Bromwich Manor 1759, Bordesley Manor 1760, Saltley Manor 1760, Duddeston and

Nechells Manors 1778, and of Birmingham parish 1779. The last-named was the work of a local surveyor, John Snape, and it is said that he used a camera obscura of his own construction to enable him to make his work so perfect that it served as correct guide to the map makers for fifty years after.

Markets.—Some writers have dated the existence of Birmingham as a market town as being prior to the Norman Conquest, charters (they say) for the holding of markets having been granted by both Saxon and Danish Kings. That market was held here at an early period is evident from the fact of the charter therefore being renewed by Richard I., who visited the De Berminghams in 1189. The market day has never been changed from Thursday, though Tuesday and Saturday besides are now not enough; in fact, every day may be called market day, though Thursday attracts more of our friends from the country. The opening of Smithfield (May 29, 1817) was the means of concentrating the markets for horses, pigs, cattle, sheep, and farm produce, which for years previously had been offered for sale in New Street, Ann Street, High Street, and Dale End. The Market tolls, for which £12,500 was paid in 1812, produced £5,706 10s. 5d. in the year 1840.

Cattle Market.—Prior to 1769 cattle were sold in High Street; in that year their standings were removed to Dale End, and in 1776 (Oct. 28.) to Deritend. Pigs and sheep were sold in New Street up to the opening of Smithfield. Some five-and-twenty years back a movement was set on foot for the removal of the Cattle Market to the Old Vauxhall neighbourhood, but the cost frightened the people, and the project was shelved. The "town improvers" of to-day, who play with thousands of pounds as children used to do at chuck-farthing, are not so easily baulked, and the taxpayers will doubtless soon have to find the cash

for a very much larger Cattle Market in some other part of the borough. A site has been fixed upon in Rupert Street by the "lords in Convention," but up to now (March, 1885), the question is not quite settled.

Corn Market.—The ancient market for corn, or "Corn Cheaping," formed part of "le Bul ryng" which at one time was almost the sole place of traffic of our forefathers. At first an open space, as the market granted by the early Norman Kings grew in extent, the custom arose of setting up stalls, the right to do which was doubtless bought of the Lords of the Manor. These grew into permanent tenements, and stallages, "freeboards," shambles, and even houses (some with small gardens abutting on the unfenced churchyard), gradually covered the whole ground, and it ultimately cost the town a large sum to clear it, the Commissioners, in 1806-7, paying nearly £25,000 for the purpose. The farmers of a hundred years ago used to assemble with their samples of grain round the Old Cross, or High Cross, standing nearly opposite the present Market Hall steps, and in times of scarcity, when bread was dear, they needed the protection of special constables.

Fish Market.—In April, 1851, the fishmongers' stalls were removed from Dale End, and the sale was confined to the Market Hall, but consequent on the increase of population, and therefore of consumption, a separate market, at corner of Bell Street, was opened in 1870, and that is now being enlarged.

Hide and Skin Market.—The sale of these not particularly sweet-smelling animal products was formerly carried on in the open at Smithfield, but a special market for them and for tallow was opened May 25, 1850; the same building being utilised as a wool market July 29, 1851.

Vegetable Market, so long held in the Bull Ring, is now principally held in the covered portion of Smithfield, which promises to be soon a huge wholesale market.

Marriages.—This is the style in which these interesting events used to be chronicled;—

"Sept. 30, 1751. On Monday last, the Rev. Mr. Willes, a relation of the Lord Chief Justice Willes, was married to Miss Wilkins, daughter of an eminent grocer of this town, a young lady of great merit, and handsome fortune."

"Nov. 23, 1751. On Tuesday last, was married at St. Mary-le-Bow, in Cheapside, Mr. W. Welch, an eminent hardware man of Birmingham, to Miss Nancy Morton, of Sheffield, an agreeable young lady, with a handsome fortune."

"June 4, 1772 (and not before as mentioned by mistake) at St. Philip's Church in this town, Mr. Thomas Smallwood, an eminent wine merchant, to Miss Harris, a young lady of distinguished accomplishments, with a fortune of £1,500."

Masshouse Lane.—Takes its name from the Roman Catholic Church (or Mass House, as such edifices were then called) erected in 1687, and dedicated to St. Mary Magdalen and St. Francis. The foundation stone was laid March 23, in the above year, and on 16th August, 1688, the first stone of a Franciscan Convent was laid adjoining to the Church, which latter was consecrated Sept. 4. The Church was 95ft. long by 33ft. wide, and towards the building of it and the Convent, James II. gave 125 "tuns of timber," which were sold for £180; Sir John Gage gave timber valued at £140; the Dowager Queen Catherine gave £10 15s.; and a Mrs. Anne Gregg, £250. This would appear to have been the first place of worship put up here by the Romish Church since the time of Henry VIII., and it was not allowed to stand long, for the Church and what part of the Convent was built (in the words of the Franciscan priest who laid the first stone) "was first defaced, and most of it burent within to near ye vallue of 400lb., by ye Lord Dellamer's order upon ye 26 of November, 1688, and ye day sevensnight following ye

rabble of Birmingham began to pull ye Church and Convent down, and saesed not until they had pulled up ye fundations. They sold ye materials, of which many houses and parts of houses are built in ye town of Birmingham, ye townsmen of ye better sort not resisting ye rabble, but quietly permitting, if not prompting them to doe itt." The poor priests found shelter at Harborne, where there is another Masshouse Lane, their "Masshouse" being a little further on in Pritchett's Lane, where for nearly a century the double work of conducting a school and ministering to their scattered Catholic flock was carried on, the next local place of worship built here being "St. Peter's Chapel," off Broad Street, erected about 1786. It is believed that St. Bartholomew's Church covers the site of the short-lived "Mass House."

Masonic.—That the Freemasons are many among us is proved by the number of their Lodges, but the writer has no record throwing light on their past local history, though mention is found now and then in old newspapers of their taking part in the ceremonies attending the erection of more than one of our public buildings. Of their local acts of benevolence they sayeth naught, though, as is well-known, their charity is never found wanting. The three Masonic charitable institutions which are supported by the voluntary contributions of the craft during 1883 realised a total income of £55,994 14s. 3d. Of this sum the boys' school received £24,895 7s. 1d.; the Benevolent Institution, £18,449 6s.; and the girls' school, £12,650 1s. 2d. The largest total attained previous to 1883 was in 1880, when the sum amounted to £49,763. The boys' school, which is now at the head of the list, is boarding, housing clothing, and educating 221 boys; the Benevolent Institution, the second on the list, is granting annuities of £40 each to 172 men and £32 each to 167 widows; and the girls' school houses, boards, clothes, and educates

239 girls, between the ages of seven and sixteen. The boys leave school at fifteen. During the year £8,675 has been granted to 334 cases of distress from the Fund of Benevolence, which is composed of 4s. a year taken from every London Mason's subscription to his lodge and 2s. a year from every country Mason's subscription. The local lodges meet as follows:—*At the Masonic Hall, New Street*: St. Paul's Lodge, No. 43; the Faithful Lodge, No. 473; the Howe Lodge, No. 587; the Howe R. A. Chapter; the Howe Mark Master's Lodge; the Howe Preceptory of Knight Templars; the Temperance Lodge, No. 739; the Leigh Lodge, No. 887; the Bedford Lodge, No. 925; the Bedford R. A. Chapter; the Grosvenor Lodge, No. 938; the Grosvenor R. A. Chapter; the Elkington Lodge, No. 1,016; the Elkington R. A. Chapter; the Fletcher Lodge, No. 1,031; the Fletcher R. A. Chapter; the Lodge of Emulation, No. 1,163; the Forward Lodge, No. 1,180; the Lodge of Charity, No. 1,551; and the Alma Mater Lodge, No. 1,644. *At the Masonic Hall, Seavern Street*: The Athol Lodge, No. 74; the Athol R. A. Chapter; the Athol Mark Master's Lodge; and the Lodge of Israel, No. 1,474. *At the Great Western Hotel*: The Lodge of Light, No. 468; the R. A. Chapter of Fortitude; and the Vernon Chapter of S. P. R. C. of H. R. D. M., No. 5. *At the Holte Hotel, Aston*: The Holte Lodge, No. 1,246.

Matches.—Baker's are best, the maker says. Lucifer matches were the invention of a young German patriot, named Kammerer, who beguiled his time in prison (in 1832) with chemical experiments, though a North of England apothecary, Walker, lays claim to the invention. They were first made in Birmingham in 1852, but they have not, as yet, completely driven the old-fashioned, and now-despised tinder-box out of the world, as many of the latter are still manufactured in this town for sundry foreign parts.

Mecca.—The late Mr. J. H. Chamberlain, shortly before his death, said that he looked upon Birmingham, "perhaps with a foolish pride," as the Holy City, the Mecca of England; where life was fuller of possibilities of utility—happier, broader, wiser, and a thousand times better than it was in any other town in the United Kingdom.

Mechanical Engineers.—The Institution of Mechanical Engineers was organised in this town, in October 1847, but its headquarters were removed to London, in 1877.

Mechanics' Institute.—The proposal to form a local institution of a popular nature, for the encouragement of learning among our workers, like unto others which had been established in several large places elsewhere, was published in June, 1825, and several meetings were held before December 27, when officers were chosen, and entry made of nearly 200 members, to start with, the subscription being 5/- per quarter. The formal opening took place March 21, 1826, the members assembling in Mount Zion Chapel, to hear an address from Mr. B. Cook, the vice-president. The class-rooms, library, and reading-rooms, were at the school attached to the Old Meeting House, and here the Institution, so far as the conduct of classes, and the imparting of knowledge went, thrived and prospered. Financially, however, though at one time there were nearly 500 members, it was never successful, possibly through lack of assistance that might have been expected from the manufacturers and large employers, for, hide it as we may, with a few honourable exceptions, that class, fifty years ago, preferred strong men to wise ones, and rather set their backs against opening the doors of knowledge to their work-people, or their children. It was a dozen years before the Institution was able to remove to a home of its own in Newhall Street, but

it rapidly got into a hopeless state of debt. To lessen this incubus, and provide funds for some needed alterations, the committee decided to hold an exhibition of "manufactures, the fine arts, and objects illustrative of experimental philosophy, &c." The exhibition was opened Dec. 19, 1839, and in all ways was a splendid success, a fairly-large sum of money being realised. Unfortunately, a second exhibition was held in the following years, when all the profits of the former were not only lost, but so heavy an addition made to the debt, that it may be said to have ruined the institution completely. Creditors took possession of the premises in January, 1842, and in June operations were suspended, and, notwithstanding several attempts to revive the institution, it died out altogether. As the only popular educational establishment open to the young men of the time, it did good work, many of its pupils having made their mark in the paths of literature, art, and science.

Medical Associations.—According to the "Medical Register" there are 35 physicians and 210 surgeons resident in the borough, and there are rather more than 300 chemists and druggists. According to a summary of the census tables, the medical profession "and their subordinates" number in Birmingham and Aston 940, of whom 376 are males and 564 females. In 1834, at Worcester, under the presidency of Dr. Johnson, of this town, the Provincial Medical and Surgical Association was formed for encouraging scientific research, improving the practice of medicine, and generally looking after the interests of the profession. In 1856 the name was changed to The British Medical Association, with head offices in London, but prior to that branches had been established in various large towns, the Birmingham and Midland Counties' branch being foremost, holding its first meeting at Dee's Hotel, in December, 1854. The society has now about

9,000 members, with a reserve fund of £10,000; in the local branch there are 359 members, who subscribe about £150 per annum.—The Birmingham Medical Institute was launched Feb. 5, 1876, but the question of admitting homeopaths as members was nearly the upsetting of the craft at the first meeting; thanks to the sails being trimmed with a little common sense, however, the difficulty was tided over. The opening of the Institute in Edmund Street took place December 17, 1880. The cost of the building was about £6,000, and the purposes to which it is applied are the providing accommodation for meetings of the profession and the housing of the valuable medical library of over 6,000 books. As something worthy of note, it may be mentioned that the Institute was opened free from debt, the whole cost being previously subscribed.

Memorials and Monuments.—

See "*Statues*," &c.

Men of Worth.—The "Toyshop of the World," the home of workers, free from the blue blood of titled families, and having but few reapers of "unearned increment," is hardly the place to look for "men of worth or value" in a monetary point of view, but we have not been without them. A writer in *Gazette*, September 1, 1828, reckoned up 120 inhabitants who were each worth over £10,000 each; 50 worth over £20,000; 16 worth over £50,000; 9 worth over £100,000; 3 worth over £200,000; 2 worth over £300,000 each, and 1 worth over £400,000. Taking certain Income Tax Returns and other information for his basis, another man of figures in 1878 made calculations showing that there were then among us some 800 persons worth more than £5,000 each, 200 worth over £10,000, 50 worth over £20,000, 35 worth over £50,000, 26 worth over £100,000, 12 worth over £250,000, 5 worth over £500,000, and 2 worth over or near £1,000,000 each.

Mercia.—In 585, this neighbourhood formed part of the Heptarchie kingdom of Mercia, under Crida; in 697, Mercia was divided into four dioceses; this district being included in that of Lichfield; in 878, Mercia was merged in the kingdom of England. According to Bede and the Saxon Chronicles, Beorned was, in 757, king of Mercia, of which Birmingham formed part, and in Canute's reign there was an Earl Beorn, the king's nephew, and it has been fancifully suggested that in this name Beorn may lie the much-sought root for the etymology of the town's name. Beorn, or Bern, being derived from *ber*, a bear or boar, it might be arranged thusly:—

Ber, bear or boar; *mong*, many; *ham*, dwelling—the whole making *Ber-mungham*, the dwelling of many bears, or the home of many pigs!

Metchley Camp.—At Metchley Park, about three miles from town, near to Harborne, there are the remains of an old camp or station which Hutton attributes to "those pilfering vermin, the Danes," other writers thinking it was constructed by the Romans, but it is hardly possible that an undertaking requiring such immense labour as this must have done, could have been overlooked in any history of the Roman occupation. More likely it was a stronghold of the native Britons who opposed their advance, a superstition borne out by its being adjacent to their line of Icknield Street, and near the heart of England. From a measurement made in 1822, the camp appears to have covered an area of about 15½ acres. Hutton gives it as 30 acres, and describes a third embankment. The present outer vallum was 330 yards long by 228 wide, and the interior camp 187 yards long by 165 wide. The ancient vallum and fosse have suffered much by the lapse of time, by the occupiers partially leveling the ground, and by the passing through it of the Worcester and Birmingham canal, to make the banks

of which the southern extremity of the camp was completely destroyed. Some few pieces of ancient weapons, swords and battle-axes, and portions of bucklers, have been found here, but nothing of a distinctively Roman or Danish character. As the fortification was of such great size and strength, and evidently formed for no mere temporary occupation, had either of those passers-by been the constructors we should naturally have expected that more positive traces of their nationality would have been found.

Methodism. — The introduction here must date from Wesley's first visit in March, 1738. In 1764, Moor Street Theatre was taken as a meeting place, and John Wesley opened it March 21. The new sect afterwards occupied the King Street Theatre. Hutton says:—"The Methodists occupied for many years a place in Steelhouse Lane, where the wags of the age observed, 'they were eaten out by the bugs.' They therefore procured the cast-off Theatre in Moor Street, where they continued to exhibit till 1782, when, quitting the stage, they erected a superb meeting house in Cherry Street, at the expense of £1,200. This was opened, July 7, by John Wesley, the chief priest, whose extensive knowledge and unblemished manners give us a tolerable picture of apostolic purity, who believed as if he were to be saved by faith, and who laboured as if he were to be saved by works." The note made by Wesley, who was in his 80th year, respecting the opening of Cherry Street Chapel, has been preserved. He says:—"July 6th, 1782, I came to Birmingham, and preached once more in the old dreary preaching-house. The next day I opened the new house at eight, and it contained the people well, but not in the evening, many more then constrained to go away. In the middle of the sermon a huge noise was heard, caused by the breaking of a bench on which some people stood. None of them were hurt; yet it occasioned a general panic at first, but in a

few minutes all was quiet." Four years after the opening, Wesley preached in the chapel again, and found great prosperity. "At first," he wrote, "the preaching-house would not near contain the congregation. Afterwards I administered the Lord's Supper to about 500 communicants." Old as he then was, the apostle of Methodism came here a time or two after that, his last visit being in 1790. Many talented men have since served the Wesleyan body in this town, and the society holds a strong position among our Dissenting brethren. The minutes of the Wesleyan Conference last issued give the following statistics of the Birmingham and Shrewsbury District:—Church members, 18,875; on trial for membership, 1,537; members of junior classes, 2,143; number of ministerial class leaders, 72; lay class leaders, 1,269; local or lay preachers, 769 (the largest number in any district except Nottingham and Derby, which has 798). There are 40 circuits in the district, of which 27 report an increase of membership, and 13 a decrease.—See "*Places of Worship*."

Methodism, Primitive. — The origin of the Primitive Methodist Connexion dates from 1808, and it sprung solely from the custom (introduced by Lorenzo Dow, from America, in the previous year) of holding "camp meetings," which the Wesleyan Conference decided to be "highly improper in England, even if allowable in America, and likely to be productive of considerable mischief," expelling the preachers who conducted them. A new society was the result, and the first service in this town was held in Moor Street, in the open air, near to the Public Office, in the summer of 1824. The first "lovefeast" took place, March 6, 1825, and the first "camp meeting," a few months later. A circuit was formed, the first minister being the Rev. T. Nelson, and in 1826, a chapel was opened in Bordesley Street, others following in due

course of time, as the Primitives increased in number. The Birmingham circuit contains about 800 members, with over 2,000 Sunday School scholars, and 250 teachers. — See "*Places of Worship.*"

Metric System.—This, the simplest decimal system of computation yet legalised is in use in France, Belgium, Holland, Italy, Spain, and other parts of Europe, as well as in Chili, Peru, Mexico, &c., and by 27 and 28 Vic., cap. 117, its use has been rendered legal in this country. As our local trade with the above and other countries is increasing (unfortunately in some respects), rules for working out the metric measures into English and *vice versa* may be useful. The unit of length is the *metre* (equal to 39·37 inches); it is divided into tenths (decimetres), hundredths (centimetres), and thousandths (millimetres), and it is multiplied by decimals in like way into hectometres, kilometres, and myriometres. The unit of weight is the *gramme*, divided as the metre into decigrammes, centigrammes, and milligrammes; multiplied into decagrammes, hectogrammes, and kilogrammes. The unit of capacity is the *litre*, divided and multiplied like the others.

1 inch equals $2\frac{1}{2}$ centimetres.

1 foot equals 3 decimetres.

1 mile equals $1\frac{1}{2}$ kilometres.

1 cwt. equals 50·8 kilogrammes.

1 ounce (troy) equals 31 grammes.

1 pound (troy) equals 3·72 decagrammes.

1 gallon equals $4\frac{1}{2}$ litres.

1 quart equals $1\frac{1}{4}$ litres.

1 metre equals 39·37 inches.

1 hectometre equals $109\frac{1}{2}$ yards.

1 cubic metre equals 61,027 cubic inches.

1 kilometre equals 1,093 yards.

1 decigramme equals $1\frac{1}{2}$ grains.

1 gramme equals 15 grains.

1 kilogramme equals $2\frac{1}{2}$ pounds (avoirdupois).

1 litre equals $1\frac{3}{4}$ pints.

To turn inches into millimetres add the figures 00 to the number of inches,

divide by 4, and add the result two-fifths of the original number of inches.

To turn millimetres to inches add the figure 0 and divide by 254.

To make cubic inches into cubic centimetres multiply by 721 and divide by 44; cubic centimetres into cubic inches multiply by 44 and divide by 721.

To turn grains into grammes, multiply the number by 648 and divide the product by 10,000.

To turn grammes into grains, multiply by 10,000, dividing the result by 648.

The metric system is especially useful in our local jewellery and other trades, but it is very slowly making its way against the old English foot and yard, even such a learned man as Professor Rankine poking fun at the foreign measures in a comic song of which two verses run:—

Some talk of millimetres, and some of kilogrammes,
And some of decilitres to measure beer and drams:
But I'm an English workman, too old to go to school,
So by pounds I'll eat, by quarts I'll drink,
And work by my two-foot rule.

A party of astronomers went measuring of the earth,
And forty million metres they took to be its girth;
Five hundred million inches now go through from pole to pole,
So we'll stick to inches, feet, and yards, and our own old two-foot rule.

Mid-England.—Meriden, near Coventry, is believed to be about the centre spot of England.

Midland Institute.—Suggestions of some such an institution, to take the place of the defunct Mechanics', had several time appeared in print, but nothing definite was done in the matter until the subject was discussed (June 4, 1852) over the dinner table of Mr. Arthur Ryland. Practical shape being given to the ideas then advanced, a town's meeting on Dec. 3, 1853, sanctioned the grant by the Council of the land necessary for the erection of a

proper building, and an Act of Incorporation was obtained in the following Parliamentary session. In December 1854, Charles Dickens gave three readings in the Town Hall, in behalf of the building fund, whereby £227 13s. 9d. was realised, the donations then amounting to £8,467. The foundation stone was laid by Prince Albert, on Nov. 22, 1855, and the contract for the first part of the building given to Messrs. Bealston and Gwyther for £12,000. The lecture theatre was opened Oct. 13, 1857, when addresses were delivered by Lord Brougham, Lord Russell, and Lord Stanley, the latter delivering the prizes to the students who had attended the classes, which were first started in October, 1854, at the Philosophical Institute. In 1859, the portrait of David Cox was presented to the Institute, forming the first contribution to the Fine Art Gallery, which was built on portion of the land originally given to the Institute, the whole of the buildings being designed by Mr. E. M. Barry. The amount subscribed to the building fund was about £18,000, and the cost, including furniture and apparatus more than £16,000. Great extension has been made since then, on the Paradise Street side, and many thousands spent on the enlargement, branch classes being also held at several of the Board Schools to relieve the pressure on the Institute. In 1864, the members of the Institute numbered 660, and the students 880, with an income of £998; in January, 1874, there were 1,591 members, 733 family ticket holders, 2,172 students, and an income of £2,580. At the end of 1833, the number of annual subscribers was 1,900, and lecture ticket-holders 838. In the Industrial Department there were 4,334 students; the Archaeological Section numbered 226 members, and the musical Section 183. 108 students attended the Laws of Health classes, 220 the Ladies classes, and 36 the classes for preparation for matriculation. The benefits derived from the

establishment of the Midland Institute, and the amount of useful, practical, and scientific knowledge disseminated by means of its classes among the intelligent working men of the town and the rising generation, is incalculable. These classes, many of which are open at the low fee of 1d., and some others specially for females, now include the whole of the following subjects:—English language and literature, English history, French, German, Latin, Greek, and Spanish, algebra, geometry, mensuration, trigonometry, and arithmetic, music, drawing, writing, English grammar, and composition, botany, chemistry, experimental physics, practical mechanics, and metallurgy, elementary singing, physical geography, animal physiology, geology, practical plane and solid geometry, &c. The general position of the Institute with regard to finance was as follows:—Gross receipts in General Department, £3,281 5s. 6d.; expenditure in this department (including £993 1s. 6d. deficiency at the close of the year 1882), £3,088 17s. 2d.; balance in favour of the General Department, £192 8s. 4d. Gross receipts in Industrial Department, £1,747 13s.; expenditure in this department, £3,173 7s. 10d.; deficiency, £1,425 14s. 10d., met by a transfer from the funds of the General Department. The total result of the year's operations in both departments left a deficiency of £1,233 6s. 6d. The amount due to bankers on the General Fund was £863 13s. 6d.; and the amount standing to the credit of the Institute on the Repairs Account is £140 12s. 2d. It is much to be regretted that there is a total debt on the Institute, amounting to £19,000, the paying of interest on which sadly retards its usefulness. Many munificent donations have been made to the funds of the Institute from time to time, one being the sum of £3,000, given by an anonymous donor in 1867, "in memory of Arthur Ryland." In August, same year, it was announced that the late Mr. Alfred Wilkes had bequeathed the bulk of his estate,

estimated at about £100,000, in trust for his two sisters during their lives, with reversion in equal shares to the General Hospital and the Midland Institute, being a deferred benefaction of £50,000 to each.

Midland Metropolis.—Birmingham was so entitled because it was the largest town, and has more inhabitants than any town in the centre of England. To use a Yankeeism, it is "the hub" of the Kingdom; here is the throbbing heart of all that is Liberal in the political life of Europe; this is the workshop of the world, the birth-spot of the steam-engine, and the home of mock jewellery. In all matters political, social, and national, it takes the lead, and if London is the Metropolis of all that is effete and aristocratic, Birmingham has the moving-power of all that is progressive, recuperative and advancing. When Macaulay's New Zealander sits sally viewing the silent ruins of the once gigantic city on the Thames, he will have the consolation of knowing that the pulse-beats of his progenitors will still be found in the Mid-England Metropolis, once known as the town of Birningsham or Birmingham.

Mild Winters.—The winter of 1658-9 was very mild, there being neither snow or frost. In 1748 honey-suckles, in full bloom, were gathered near Worcester, in February. In the first four months of 1779 there was not a day's rain or snow, and on the 25th of March the cherry, plum, and pear trees were in full bloom. An extraordinary mild winter was that of 1782-3. A rose was plucked in an open garden, in New Street, on 30th December, 1820. In December, 1857, a wren's nest, with two eggs in it was found near Selly Oak, and ripe raspberries were gathered in the Christmas week at Astwood Bank. The winter of 1883-4 is worthy of note, for rose trees were budding in December, lambs frisking about in January, and black-birds sitting in February.

Milk.—The reports of the Borough Analyst for several successive years, 1879 to 1882, showed that nearly one-half the samples of milk examined were adulterated, the average adulteration of each being as much as 20 per cent.; and a calculation has been made that the Brums pay £20,000 a year for the water added to their milk! Next to the bread we eat, there is no article that should be kept freer from adulteration than milk, and the formation of a Dairy Company, in April, 1882, was hailed as a boon by many. The Company started with a nominal capital of £50,000 in £5 shares, and it rigidly prosecutes any farmer who puts the milk of the "wooden cow" into their cans.

Minories.—Once known as Upper and Lower Minories, the latter name being given to what, at other times, has been called "Pemberton's Yard" or the "Coach Yard." The names give their own meaning, the roads leading to the Priory.

Mints.—See "*Trades.*"

Missionary Work.—About a million and a quarter sterling is yearly contributed in England to Foreign, Colonial, and Home Missionary Societies, and Birmingham sends its share very fairly. The local Auxiliary, to the Church Missionary Society, in 1882, gathered £2,133 8s. 6d.; in 1883 (to June both years) it reached £2,774 17s. 8d., of which £2 336 6s 11d. was from collections in the local churches. The Auxiliary to the London Missionary Society gathered £1,050, of which £991 was collected in churches and chapels. The Baptist Missionary Society was founded in October, 1792, and branch was started here a few months afterwards, the first fruits totting up to the very respectable amount of £70. A branch of the Wesleyan Missionary Society was formed here in 1814 for the Birmingham and Shrewsbury district, and the amounts gathered in 1882 totalled £4,829 10s. 3d. To the Society for

promoting Christianity among the Jews, the Birmingham Auxiliaries in 1883 sent £323. There are also Auxiliaries of the Church of England Zenana, of the South American, and of one or two other Missionary Societies. The Rev. J. B. Barradale, who died in China, early in 1879, while relieving sufferers from famine, was educated at Spring Hill College. He was sent out by the London Missionary Society, and his death was preceded by that of his wife and only child, who died a few weeks before him, all from fever caught while helping poor Chinamen.

Moated Houses.—The Pirsonage, as well as the Manor House (as noted elsewhere), were each surrounded by its moat, and, possibly, no portion of the United Kingdom could show more family manions, and country residences, protected in this manner, than the immediate district surrounding Birmingham. Many more or less-preserved specimens of these old-fashioned houses, with their water guards round them, are to be met with by the rambler, as at Astwood Bank, Erdington, Inkberrow, Yardley, Wyrley, &c. Perhaps, the two best are Maxtoke Castle, near Coleshill, and the New Hall, Sutton Coldfield.

Modern Monasteries.—The foundation-stone of St. Thomas's Priory, at Erdington, for the accommodation of the Monks of the Order of St. Benedict, was laid on Aug. 5, 1879, by the Prior, the Rev. Hildebrand de Hemptinne. Alter the date, and the reader might fancy himself living in Mediæval times.

Monument—The high tower erected near the Reservoir has long borne the name of "The Monument," though it has been said it was built more as a strange kind of pleasure-house, where the owner, a Mr. Perrott, could pass his leisure hours witnessing coursing in the day-time, or making astronomical observations at night. Hence it was often called "Perrott's Folly." It dates from 1758—See also "*Statues*," &c.

Moody and Sankey.—These American Evangelists, or Revivalists, visited here in Jan. 1875, their first meeting being held in the Town Hall, on the 17th, the remainder of their services (to February 7) being given in Bingley Hall. They came also in February, 1883, when the last-named place again accommodated them.

Moor Street.—Rivalling Elgaston Street in its antiquity, its name has long given rise to debate as to origin, but the most likely solution of the puzzle is this: On the sloping land near here, in the 14th century, and perhaps earlier, there was a mill, probably the Town Mill, and by the contraction of the Latin, *Molendinario*, the miller would be called John le Molenlin, or John le Moul. The phonetic style of writing by sound was in great measure practised by the scribes, and thus we find, as time went on, the street of the mill became Moul, Moule, Mowle, Molle, Moll, More, and Moor Street. A stream crossed the street near the Woolpack, over which was a wooden bridge, and further on was another bridge of more substantial character, called "Carter's Bridge." In flood times, Cars Lane also brought from the higher lands copious streams of water, and the keeping of Moor Street tidy often gave cause to mention these spots in old records, thus:—

	£	s.	d.
1637—Paid Walter Taylor for ridding the gutters in Moor Street	0	0	11
1665—Zachary Gisborne 42 loads of mud out of More Street.	0	0	7
1676—J. Bridgens keepinge open passage and tourneing water from Cars Lane that it did not runne into More Street for a yeare	0	4	0
1688—Paid mending Carter's Bridge timber and worke	0	5	0
1690—John, for mending Moore Street Bridge	0	0	10

Moor Street, from the earliest date, was the chosen place of residence for many of the old families, the Carless, Smilbroke, Ward, Sheldon, Flavell, Stidman, and other names, continually cropping up in deeds; some of the

rents paid to the Lord of the Manor, contrasting curiously with the rentals of to-day. For three properties adjoining in More Street, and which were so paid until a comparatively modern date, the rents were :—

“One poune of pepper by Goldsmythe and Lench,
Two pounds of pepper by the master of the Gild,
One pound of cummin seed, one bow, and six barbed bolts, or arrow heads by John Sheldon.”

Moseley.—One of the popular, and soon will be populous suburbs, connected as it is so closely to us by Balsall Heath. It is one of the old Domesday-mentioned spots, but has little history other than connected with the one or two families who chose it for their residence ages ago. It is supposed the old church was erected prior to the year 1500, a tower being added to it in Henry VIII.'s reign, but the parish register dates only from the middle of last century, possibly older entries being made at King's Norton (from which Moseley was ecclesiastically divided in 1852). Moseley does not appear to have been named from, or to have given name to, any particular family, the earliest we have any note about being Greves, or Grevis, whose tombs are in King's Norton Church, one of the epitaphs being this :—

“Ascension day on ninth of May,
Third year of King James' reigne,
To end my time and steal my coin,
I William Greves was slain. 1605.”

Hutton says that the old custom of “heriot” was practised here ; which is not improbable, as instances have occurred in neighbourhood of Bromsgrove and other parts of the county within the past few years. This relic of feudalism, or barbarism, consists of the demanding for the lord of the manor the best movable article, live or dead, that any tenant happens to be possessed of at the time of his death.

Moseley Hall. — Hutton relates

that on July 21, 1786, one Henshaw Grevis came before him in the court of Requests, as a poor debtor, who, thirty years before, he had seen “completely mounted and dressed in green velvet, with a hunter's cap and girdle, at the head of the pack.” This poor fellow was the last member of a family who had held the Moseley Hall estate from the time of the Conquest. In the riots of 1791 the Hall was burnt down, being rebuilt ten years after.

Mothering Sunday, or Mid-Lent Sunday, has its peculiarities according to districts. In Birmingham the good people who like to keep up old customs sit down to veal and custard. At Draycot-le-Moors they eat pies made of figs. The practice of visiting the parents' home on this day was one of those old-time customs so popular in the days of our grandfathers and great-grandfathers (but which, with many others have fallen into disuse), and this is supposed to have given rise to the “Mothering Sunday” name. Prior to the Reformation, the Catholics kept the day as a holy day, in honour of the Mother of Jesus, it being a Protestant invention to turn the fast-day into one of feasting.

Mount Misery.—At the close of the great war, which culminated at Waterloo, it was long before the blessings of peace brought comfort to the homes of the poor. The first effects of the sheathing of the sword was a collapse in prices of all kinds, and a general stagnation of trade, of which Birmingham, made prosperous through the demand for its guns, &c., felt the full force. Bad trade was followed by bad harvests, and the commercial history of the next dozen years is but one huge chronicle of disaster, shops and mills closing fast, and poverty following faster. How to employ the hundreds of able-bodied men dependent on the rates was a continual puzzle to the Overseers, until someone, wise in his generation, hit upon the plan of paying the unfor-

tunates to wheel sand from the bank then in front of Key Hill House up to the canal side, a distance of $1\frac{1}{2}$ miles, the payment being at the rate of one penny per burrow load. This fearful "labour test" was continued for a long time, and when we reckon that each man would have to wheel his barrow backwards and forwards for nearly 20 miles to earn a shilling, moving more than a ton of sand in the process we cannot wonder at the place receiving such a woeful name as Mount Misery.

M.P.'s for Borough.—See "*Parliamentary.*"

Mules.—These animals are not often seen about town now, but in the politically-exciting days of 1815 they apparently were not strangers in our streets, as Mr. Richard Spooner (who, like our ge. ial Alderman Avery, was fond of "tooling" his own cattle), was in the habit of driving his own mail-drag into town, to which four mules were harnessed. With Mr. Thomas Potts, a well-to-do merchant, a "bigoted Baptist," and ultra-Radical, Mr. Spooner and Mr. T. Attwood took part in a deputation to London, giving occasion to one of the street-songs of the day:—

"Tommy Potts has gone to town
To join the deputation;
He is a man of great renown,
And fit to save the nation.
Yankee doodle do,
Yankee doodle dandy.

Dicky Spooner's also there,
And Tom the Banker, too;
If in glory they shoud share,
We'll sing them 'Cock-a-doodle-doo.'
Yankee doodle do,
Yankee doodle dandy.

Dicky Spooner is Dicky Mule,
Tom Attwood is Tom Fool;
And Potts an empty kettle,
With lots of bosh and rattle.
Yankee doodle do,
Yankee doodle dandy."

Another of the doggerel verses, alluding to Mr. Spooner's mules, ran—

"Tommy Potts went up to town,
Bright Tom, who all surpasses,
Was drawn by horses out of town,
And in again by asses.
With their Yankee doodle do,
Yankee doodle dandy."

Municipal Expenditure.—Fortunately the population of Birmingham is going ahead rapidly, and the more the children multiply the more "heads of families" we may naturally hope there will be noted down as rate-payers by the heads of the gather-the-tin office. The cost of governing our little town is not at all heavy, and when divided out at per head of the inhabitants it seems but a mere bagatelle. Mr. J. Powell Williams, who takes credit for being a financier and man of figures, said in 1884 that the totals of our municipal expenditure for the past few years were as follows:—

In 1879 it was	£354,600	or 18/3	per head
" 1880 "	343,900	" 17/5	"
" 1881 "	361,500	" 18/0	"
" 1882 "	374,000	" 18/4	"
" 1883 "	385,000	" 18/7	"
" 1884 "	385,000	" 18/3	"

The bachelors who live in apartments will surely be tempted to begin house-keeping when they see how low a sum it takes to pay for all the blessings conferred upon us by a Liberal Corporation; but what the Pater of half-a-dozen olive branches may think about the matter is altogether a different thing, especially when he finds that to the above 18/2 per head must be added 2/7½ per head for the School Board, and 1s. 2d. per head for the Drainage Board, besides poor-rates. Government taxes, gas, water, and all these other little nothings that empty the purse.

Murder and Manslaughter.—It would be *too* black a catalogue to give all the horrible cases of this nature which the local journals have chronicled in past years, those here noted being only such as have a certain historical interest.

"Tom and Jack."—"See *Executions.*"

Sergeant William Cartwright, of the Coldstream Guards, was killed in Townsend's Yard by a deserter, September 13, 1796.

A desperate attempt was made to murder a young woman in Bull Street in the evening of a fair day, June 9, 1797.

Philip Matsell was hanged August 22, 1806, at the bottom of Snow Hill, for attempting to murder a watchman.—See "*Executions.*"

A Mr. Pennington, of London, was murdered at Vauxhall, Feb. 6. 1817.

Ashford, Mary, May 27, 1817, murdered at Sutton Coldfield.

F. Adams was murdered by T. Johnson, in London 'Prentice Street, Aug. 5, 1821.

Mr. R. Perry was killed in Mary Ann Street, by Michael Ford, December 6, 1825. Execution, March 7, 1826.

J. Fitter was tried and acquitted August 11, 1834, on a charge of having murdered Margaret Webb, in Lawley Street, on 7th April preceding.

Mr. W. Painter, a tax collector, was robbed and murdered in the old Parsonage grounds (near what is now the bottom of Worcester Street), February 17, 1835.

William Devey murdered Mr. Davenport in a shop in Snow Hill, April 5, 1838.

Mrs. Steapenhill shot by her husband in Heneage Street, January 7, 1842.

Mrs. Davis killed by her husband in Moor Street, March, 1848.

Mrs. Wilkes murdered her four children in Cheapside, October 23, 1847; also committing suicide.

Francis Price was executed at Warwick, August 20, 1860, for murdering Sarah Pratt, April 18.

Elizabeth Brooks was shot by Farquhar, at Small Heath, August 29, 1861. He was sentenced to imprisonment for a long term, but was liberated in April, 1866.

Thompson, Tanter Street, killed his wife, September 23, 1861; hung December 30.

Henry Carter, aged 17, who had killed his sweetheart, was hung April 11, 1863.

George Hull shot his unfaithful wife on Dartmouth Street Bridge, February 16, 1864, and was sentenced to death, but reprieved. He was released March 5, 1884.

Murder and suicide in Nursery Terrace, November 28, 1866.

Mr. Pryse was murdered by James Scott in Aston Street, April 6, 1867.

Mary Milbourn was murdered in Heneage Street, January 21, 1868.

Murder and suicide in Garrison Street, November 25, 1871.

Richard Smith was killed by his fellow-lodger, in Adam Street, January 7, 1872.

Thomas Picken, of St. Luke Street, killed his wife, January 22, 1872. He was found next morning hanging to a lamp-post, at Camp Hill Station.

Jeremiah Corkery stabbed Policeman Lines, March 7; was condemned to death July 9, and hung July 27, 1875.

Patrick O'Donoghue was kicked and killed at the Flying Horse, Little Hampton Street, August 7, 1875. Moran and Caulfield, the kickers, were sent to penal servitude for ten years.

A woman, resisting indecent assault, was thrown into the canal, October 3, 1875, and died from effects.

Emma Luke, Hope street, killed her infant and herself, October 23, 1875.

Samuel Todd, a deaf-mute, killed William Brislin, in a fit of passion, December 31, 1875.—Fifteen years' penal servitude.

George Underhill shot Alfred Price, in Stephenson place, January 12, 1876, being in drink at the time, and thinking he was going to be robbed. Price died, and Underhill was imprisoned for twelve months.

Frederick Lipscombe killed his wife because she did not get his meals ready to the time he wished, July 18, 1876.

Mary Saunders, Aston, had her throat cut by F. E. Baker, her lodger, January 16, 1877. He was hung April 17.

John Nicholson killed Mary (or Minnie) Fautham, in Navigation Street, February 23rd, 1877, committing suicide himself. He was buried as a *felo de se*.

Francis Mason, Latimer Street, stabbed his wife, June 25, 1867, but the jury called it manslaughter, and he was allowed to retire for five years.

William Toy, a glasscutter, was killed in the Plasterers' Arms, Lupin Street, July 20, 1878, in a drunken row.

Edward Johnson, a retired butcher, of this town, killed his wife and drowned himself at Erdington, July 27, 1878.

Sarah Alice Vernon, married woman, aged 26, was first stabbed and then flung into the canal, at Spring Hill, by her paramour, John Ralph, a hawker of fancy baskets, early in the morning of May 31, 1879. He was hung August 26.

Caroline Brooks, a young woman of 20, was fatally stabbed on the night of June 28, 1879, while walking with her sweetheart, but the man who killed her escaped.

Alfred Wagstaffe, of Neehell's Green, kicked his wife for pawning his shirt, on October 25, 1879. She died a week after, and he was sent to penal servitude for ten years.

An Irishman, named John Gateley, was shot on Saturday, December 5, 1880, in a beerhouse at Solihull, by a country man who got away; the murdered man had been connected with the Irish Land League.

Mrs. Ellen Jackson, a widow, 34 years of age, through poverty and despondency, poisoned herself and two children, aged seven and nine, on Sunday, November 27, 1881. One child recovered.

Frederick Serman, at the Four Dwellings, near Saltley, Nov. 22, 1883, shot Angelina Yarwood, and poisoned himself, because the woman would not live longer with him "to be clemmed."

James Lloyd, Jan. 6, 1884, stabbed his wife Martha, because she had not

met him the previous afternoon. She died four days after, and he was sentenced to death, but reprieved.

Mrs. Palmer and Mrs. Stewart were shot by Henry Kimberley at the White Hart, Paradise Street, Dec. 28, 1884. Mrs. Palmer died, and Kimberley was hung at Winson Green, March 17, 1885.

James Davis, policeman, while on his beat at Alvechurch, was murdered Feb. 28, 1885, by Moses Shrimpton, a Birmingham poacher and thief.

Elizabeth Bunting, a girl of 16, was murdered at Handsworth, April 20, 1885, by her uncle, Thomas Boulton.

Museums.—No place in England ought to have a better collection of coins and medals, but there is no Numismatic Museum in Birmingham. Few towns can show such a list of patentees and inventors, but we have no Patent Museum wherein to preserve the outcome of their ideas. Though the town's very name cannot be traced through the mists of dim antiquity, the most ancient thing we can show is the Old Crown public-house. Romans and Normans, Britons and Saxons, have all trod the same ground as ourselves, but we preserve no relics of them. Though we have supplied the whole earth with firearms, it was left to Mr. Marshall, of Leeds, to gather together a Gun Museum. Fortunately the Guardians of the Proof House were liberal and, buying the collection for £1,550, made many valuable additions to it, and after exhibiting it for a time at 5, Newhall Street, presented it to the town in August, 1876. There is a curious miscellany of articles on exhibition at Aston Hall, which some may call a "Museum," and a few cases of birds, sundry stuffed animals, &c., but we must wait until the Art Gallery now in course of erection is finished before the Midland Metropolis can boast of owning a real Museum. At various times, some rich examples of industrial art have been exhibited in the temporary Art Gallery adjoining the Midland Institute, and now, in one of the rooms

of the Free Library, there are sufficient to form the nucleus of a good Museum. We may, therefore, hope that, in time, we *shall* have a collection that we may be proud of. Mr. Joseph Chamberlain (April 26, 1875) gave £1,000 to purchase objects of industrial art, and it has been expended in the purchase of a collection of gems and precious stones, than which a thing could be more suitable in this centre of the jewellery trade. Possibly, on the opening of the new Art Gallery, we shall hear of other "thousands" as forthcoming.

Musical Associations.—There were, of course, the choirs attached to the churches previous, but the earliest Musical Society is believed to be that established by James Kempson, in 1762, at Cooke's, in the Cherry Orchard, and the founding of which led to the Musical Festivals. The members met for practice, and evidently enjoyed their pipes and glasses, their nightly song being:—

"To our Musical Club here's long life and prosperity;
May it flourish with us, and so on to posterity,
May concord and harmony always abound,
And division here only in music be found.
May the catch and the glass go about and about,
And another succeed to the bottle that's out."

This society was appropriately known as the Musical and Amicable Society from which sprung the Choral Society in 1776, though the present Festival Choral Society only claims to be in its thirty eighth year. The Birmingham Musical Society dates from 1840; the Amateur Harmonic Association from January, 1856; the Edgbaston Musical Union from 1874; and the Philharmonic Union from 1870. The Church Schools Choral Union, the Sunday Schools Union Festival Choir, and the Birmingham Musical Association, with one or two others, are the progeny of later years; the last on the list of musical institutions being the Clef Club (in Exchange Buildings),

established March 21st, 1882, for the promotion of musical culture by "providing a central resort for the study and practice of vocal and instrumental music, with the social advantages of a club."

Musical Festivals.—The credit of suggesting the first Musical Festival in aid of the funds of the General Hospital, has been assigned to Mr. Kempson a local musician, who, with his friends, formed a Glee and Catch Club at Cooke's, in the Cherry Orchard. The minutes-book of the Hospital under date of May 3, 1768, records that a resolution was passed that "a musical entertainment" should be arranged, and it was held accordingly on the 7th, 8th, and 9th of September in that year, part of the performances taking place at St. Philip's Church, and part at the Theatre, then in King Street, the Festival being wound up with a ball "at Mrs. Sawyer's, in the Square," Church, Theatre, and Ball was the order of the day for many succeeding Festivals, the Town Hall, which may be said to have been built almost purposely for these performances, not being ready until 1834. The Theatre was only utilised for one evening each Festival after until 1843, when three concerts were held therein, but since that date the Town Hall has been found sufficient. The Festival Balls were long a great attraction (no less than 1,700 attending in 1834), but, possibly from a too free admixture of the general public, the aristocratic patronage thereof gradually declined until 1858, when only 200 tickets having been taken, the Ball night was struck out of the future programmes. The first Festival performances were by purely local artistes, and on several occasions afterwards they formed the bulk of the performers, but as the fame of our Festivals increased so did the inflow of the foreign element, until at one period not more than half-a-dozen local names could be found in any programme. This has been altered to a considerable

extent of late years, so much so that at the last Festival nearly the whole of the chorus of voices was composed of members of our local Musical Societies, and a fair sprinkling of the instrumentalists also. A big book would be required for a full history of the Birmingham Triennial Festivals, descriptive of their rise and progress, the hundreds of musical novelties introduced, the many scores of talented artists who have taken parts, the lords and ladies who have attended, and the thousand odd notes appertaining to them all. In the following notes are briefly chronicled the "first appearances," &c., with the results and other items for reference.

1768, Sept. 7 to 9. The oratorios of "Il Penseroso" and "Alexander's Feast" were performed at the Theatre in King Street; Handel's "Te Deum" and "Jubilate" with the "Messiah," at St. Philip's Church. The principal singers were Mrs. Pinto, first soprano, and Mr. Charles Norris, tenor; the orchestra numbered about 70, the conductor being Mr. Capel Bond of Coventry, with Mr. Pinto as leader of the band. The tickets of admission were 5s. each, the receipts (with donations) amounting to about £800, and the profits to £299.

1778, Sept. 2 to 4. The performances this time (and for fifteen festivals after), were at St. Philip's Church, and at the newly-built theatre in New Street, the oratorios, &c., including "Judas Maccabæus," the "Messiah," Handel's "Te Deum," "Jubilate," "Acis and Galatea," &c. Principal performers: Miss Mahon, Miss Salmon, Mr. C. Norris, and Cervetto, a celebrated violoncellist, the leader of the band being Mr. William Cramer, a popular violinist. The choir had the assistance of "the celebrated women chorus singers from Lancashire." The receipts were again about £800, and the profits £340, which sum was divided between the Hospital and the building fund for St. Paul's.

1784, Sept. 22 to 24. President:

Lord Dudley and Ward. Following after the celebrated Handel Commemoration the programme was filled almost solely with selections from Handel's works, the only novelty being the oratorio of "Goliath," composed by Mr. Atterbury, which according to one modern musical critic, has never been heard of since. Master Bartleman, who afterwards became the leading bass singer of the day, was the novelty among the performers. Receipts, £1,325; profits, £703.

1787, Aug. 22 to 24. President, the Earl of Aylesford. In addition to the miscellaneous (mostly Handelian) pieces, the oratorios performed were "Israel in Egypt" and the "Messiah," the latter being so remarkably successful that an extra performance of it was given on the Saturday following. Among the performers were Mrs. Billington (first soprano), Mr. Samuel Harrison (one of the finest tenor singers ever heard in England), and Mr. John Sale (a rich-toned bass), and the "women chorus." Receipts about £2,000; profits, £964.

1790, Aug. 25 to 27. President, Lord Dudley and Ward. The "Messiah," with miscellaneous selections, the principal performers being Madame Mara, Mr. Reinhold, and Mr. Charles Knyvett, with Jean Mara (violoncellist) and John Christian Fischer (oboeist). The prices of admission were raised at this Festival to 10s. 6d. and 7s.; Theatre boxes 7s. 6d., pit 5s., gallery 3s. 6d. Receipts £1,965 15s.; profits £958 14s.

1796, Aug. 31 to Sept. 2. President, the Earl of Aylesford. The performances were like those of 1790, of a general character, besides the "Messiah;" while the two principal sopranos were the Misses Fletcher, daughters of a local musician. The trombone was introduced at this Festival for the first time. Receipts £2,043 18s.; profits £897.

1792, September 18 to 20. President, the Earl of Warwick. The "Messiah," with vocal and instrumental selections

of the usual character. Miss Poole and Master Elliott among the vocalists, with Mr. Holmes (bassoonist) and Signor Mariotti (trombone player), were chief of the newly-introduced performers. Receipts, £2,550; profits, £1,470.

1802, Sep'tember 22 to 24. President, the Earl of Dartmouth. For the first time in this town Haydn's "Creation" was performed, in addition to the "Messiah," &c. Among the vocalists were Madame Dussek, Mrs. Mountain, John Braham (*the Braham of undying fame*), and Mr. William Knyvett; Mr. Francois Cramer, leader of the band (and at every festival until 1843), had with him Andrew Ashe (flautist), Aufossi (double bass), &c., with over 100 in the orchestra. Receipts, £3,820 17s. 0½d.; profits, £2,380.

1805, Oct. 2 to 4. President, the Earl of Aylesford. The "Messiah" was given for the first time here with Mozart's accompaniments; part of the "Creation" &c. Mr. Thomas Vaughan was among the singers (and he took part in every Festival until 1840), and Signor Domenico Dragonetti (double bass) and the Brothers Petrides (horn players) with the instruments. Receipts, £4,222; profits, £2,202.

1808, Oct. 5 to 7. President, the Right Hon. Lord Guernsey. Nearly 200 performers, including Master Bugbins (a Birmingham boy alto) Mr. J. J. Goss (counter tenor), Signor Joseph Naldi (bello), and Dr. Crotch, the conductor, organist and pianist. The last-named was a good player when only 3½ years old. Receipts, £5,511 12s.; profits, £3,257.

1811, Oct. 2 to 4. President, Lord Bradford. Madame Catlini, Mrs. Bianchi, and Mr. T. L. Belamy first appeared here, as well as Mr. Samuel Wesley (John Wesley's nephew), as conductor and organist. Prices again raised, morning tickets being 20s. and 10s., with 10s. 6d. pit and 5s. gallery at Theatre. Receipts, £6,680; profits, £3,629.

1814, Oct. 5 to 7. President, the Earl of Plymouth. Miss Stephens

(afterwards Countess of Essex), Miss Travis, Vincent Novello (the publisher of after years), and Griesbach (oboeist), were among the "first appearances." Receipts, £7,171 12s.; profits, £3,629.

1817, Oct. 1 to 3. President, the Hon. Sir Charles Greville, K.C.B. Mrs. Salmon, Madame Camporese, Mr. Hobbs (tenor), Monsieur Drouet (flautist), Mr. T. Harper (trumpet), and Mr. Probin (horn), took part in the performances. Receipts, £8,476; profits, £4,296 10s.

1820, Oct. 3 to 6. President, the Hon. Heneage Legge. The principal performers included Madame Vestris, Signora Corri, Miss Symonds (a native of this town, and who continued to sing here occasionally for twenty years), Signor Begrez (tenor), Signor Ambrogetti (bello bass), Mr. R. N. C. Bocusa (harpist), Mr. Sha gool (violinist), Mr. Stanier (flautist), and Mr. Munde (viola player). The last two gentlemen were connected with this town until very late years. The chief novelty was the English version of Haydn's "Seasons," written by the Rev. John Webb, a local clergyman. Receipts, £9,483; profits, £5,001 11s.

1823, Oct. 7 to 10. President, Sir Francis Lawley, Bart. Among the fresh faces were those of Miss Heaton (afterwards Mrs. T. C. Salt), Signor Placci (baritone), Mr. Thorne (bass), Mr. Nicholson (flute), and Signor Puzzi (horn). The Rev. John Webb wrote for this occasion, "The Triumph of Gideon," an English adaptation of Winter's "Timoteo." Receipts, £11,115 10s.; profits, £5,806 12s.

1826, Oct. 4 to 7. President, Earl Howe. The programmes this year were more varied than at any previous festival, the performances, in addition to the "Messiah," including the oratorio "Joseph," by Mohul, selections from Graun's "Der Tod Jesu," Handel's "Judas Maccabæus," Haydn's "Seasons," &c. A number of the performers appeared here for their first time, including Madame Caradori, Miss Paton, Miss Bacon, Henry Phillips (the

veteran and popular singer of later days, but who was then only in his 25th year), Signor Curioni (said to have borne a wonderful resemblance to Shakespeare in his figurehead and features), Signor de Begius, Mr. John Baptiste Cramer, C. G. Kiesewetter (who died the following year), Charles Augustus de Beriot (who married Madame Malibran-Garcia), and quite a host of local instrumentalists who were long chief among our Birmingham musicians. Receipts £10,104; profits £4,592.

1829, Oct. 6 to 9. President, the Earl of Bradford. This was the Jubilee Year of the General Hospital, and conspicuous in the programme was the "Jubilee Anthem" in commemoration of the fiftieth year of its establishment, the words being adapted to the music composed by Cherubini for Charles X.'s coronation. This was also the last year in which the Festival performances took place in St. Philip's Church or (except several single nights of operatic selections) at the Theatre. Besides the "Jubilee Anthem," there were novelties in the shape of Zingarelli's "Cantata Sacra" (described in a musical publication as a "tame, insipid, heap of commonplace trash"), and the introduction of "operatic selections" at the evening concerts. Amongst the performers who made their *debut* in Birmingham were Madame Malibran-Garcia, Mlle. Blasis, Miss Fanny Ayton, Signor Costa, Signor Guibelei, Mrs. Anderson (who gave pianoforte lessons to Princess Victoria), and Mr. Charles Lucas (violin-cello). Receipts, £9,771; profits, £3,806 17s.

1834, Oct. 7 to 10. President, the Earl of Aylesford. This being the first Festival held in the Town Hall it may be noted that the prices of admission were for the morning performances, 21/- for reserved and 10/6 unreserved seats; in the evening, 15/- and 8/-; at the Theatre, boxes and pit, 15/-, gallery, 7/-; ball on Friday, 10/6. There were 14 principal vocalists, 33 in the semi-chorus, 187 in the full

chorus, 147 instrumental performers, 2 conductors, 2 organists, and 1 pianist. Besides the "Messiah," there was the new oratorio, "David," by Nerkomm (the first that was originally composed for our Festivals), selections from the same author's "Mount Sinai," from Spohr's "Last Judgment," from Handel's "Israel in Egypt," and an arrangement of Hummel's "Motet," &c. This was the first introduction to the Festivals of Miss Clara Novello (afterwards Countess Giglincci), Madame Stockhausen and her husband (harpist), Ignaz Moscheles, Mr. William Machin (a townsman), Miss Aston and Miss Bate (both Birmingham ladies), Mr. George Hollins (the first appointed Town Hall organist), and others. Receipts, £13,527; profits, £4,035.

1837, Sept. 19 to 22. President, Lord Willoughby de Broke. Mendelssohn's new oratorio, "St. Paul" (oft mistakenly supposed to have been specially written for the occasion), was the most important production, but Neukomm's "Ascension," Haeser's "Triumph of Faith," and several other new compositions were performed on this occasion. In addition to Mendelssohn's first appearance here as conductor, there were other new faces, among them being Madame Giulia Grisi, Madame Emma Albertazzi, Mrs. Albert Shaw, Signor Antonio Tamburini, Mr. Alfred Mellon (in his 17th year, but even then leader of the band at the Theatre), Signor Regondi (concertina player), &c. Receipts, £11,900, but, as besides more than usually heavy expenses, £1,200 was paid for building the recess in which the organ was placed, the profits were only £2,776.

1840, Sept. 22 to 25. President, Lord Leigh. The oratorio, "Israel in Egypt," by Handel, selections from his "Jephtha," and "Jeshua," and Mendelssohn's "Hymn of Praise," were the great features of this Festival, at which appeared for the first time Madame Dorus-Gras, Miss M. B.

Hawes, Signor Louis Lablache, with Mr. T. Cooke, and Mr. H. G. Blagrove (two clever violinists). Receipts, £11,613; profits, £4,503.

1843, Sept. 19 to 22. President, Earl Craven. The performances at the Town Hall included Handel's oratorio, "Deborah," Dr. Crotch's "Palestine," and Rossini's "Stabat Mater," the introduction of the latter causing a considerable flutter among some of the local clergy, one of whom described it as the most idolatrous and anti-Christian composition that could be met with. The Theatre this year was used for three evening concerts, &c. Among the new vocalists were Miss Rainforth, Signor Mario, Signor Fornasari, and Mr. Manvers. The organists were Dr. Samuel Sebastian Wesley and our Mr. James Stimpson, who had succeeded Mr. George Hollins as Town Hall organist in the previous year. Receipts, £8,822; profits, £2,916.

1846, Aug. 25 to 28. President, Lord Wrottesley. This is known as "The Elijah Festival," from the production of Mendelssohn's *chef d'œuvre* the "Elijah" oratorio. The performers were mostly those who had been here before, save Miss Bassano, the Misses Williams, Mr. Lockey, and Herr Joseph Staudigl. Receipts, £11,638; profits, £5,508.

1849, Sept. 4 to 7. President, Lord Guernsey. This Festival is especially noteworthy as being the first conducted by Sir Michael Costa, also for the number of "principals" who had not previously taken part in the Festivals, for the extreme length of the evening programmes, each lasting till after midnight; and, lastly, from the fact, that out of a body of 130 instrumentalists, only eight or nine Birmingham musicians could be found to please the *maestro's* taste. The oratorios of the "Messiah," "Elijah," and "Israel in Egypt," were the principal pieces, with Mendelssohn's "First Walpurgis Night," and Prince Albert's "L'Invocazione dell' Armonia;" the remainder

being of the most varied character. The first appearances included Madame Sontag, Madame Castellan, Miss Catharine Hayes, Mlle. Alboni, Miss Stevens (afterwards Mrs. Hale), Mlle. Jetty de Treffz, Sims Reeves, Herr Pischek (baritone basso), Signor Bottesini (double bass), M. Sigismund Thalberg (pianist), M. Prospere Sainton (violinist), &c. Receipts £10,334; profits, £2,448.

1852, Sept. 7 to 10. President, Lord Leigh. Handel's oratorio, "Samson," and Mendelssohn's unfinished "Christus," were the chief new works; and the principal strangers were Madame Viardot-Garcia, Miss Dolby, Signor Tamberlik, Herr Formes, Signor Belletti, Mr. Weiss, Signor Piatti (violinello), Signor Bottesini (double bass), and Herr Kuhe (pianoforte). Receipts £11,925; profits £4,704.

1855, Aug. 28 to 31. President, Lord Willoughby de Broke. The programme included Costa's "Eli" (composed for the occasion), Beethoven's "Mount of Olives," Glover's "Tam O'Shanter," Macfarren's cantata "Lenora," and Mozart's "Requiem;" the Irish artistes being Madame Rudersdorf, Signor Gardoni, and Herr Reichardt. Receipts £12,745; profits, £3,108, in addition to £1,000 spent on decorating, &c., the Hall and organ.

1858, Aug. 31 to Sept. 3. President, the Earl of Dartmouth. The novelties included Mendelssohn's Hymn "Praise Jehovah," Beethoven's "Mass in C," Leslie's Cantata "Judith," Mendelssohn's Cantata "To the Sons of Art," Costa's serenata "The Dream," &c. First appearances were made by Mlle. Victorie Balfe, Signor Ronconi, Mr. Montem Smith, about a dozen instrumentalists belonging to the Festival Choral Society, and nearly seventy members of the Amateur Harmonic Association, Mr. W. C. Stockley filling the post of general chorus-master. This was the last year of the "Festival Balls." Receipts, £11,141; profits, £2,731.

1861, Aug. 27 to 30. President, the

Earl of Shrewsbury and Talbot. The new introductions comprised Mdlla' Titiens, Mdlla. Adelina Patti, Mdlla. Lemmens-Sherrington, Miss Palmer, Signor Giuglini, Mr. Sautley, and Miss Arabella Goddard. Beethoven's "Mass in D," and Hummel's Motett "Alma Virgo" were part of the programme, which included not only the "Messiah" and "Elijah," but also "Samson" and "The Creation," &c. Receipts, £11,451; profits, £3,043.

1864, Sept. 6 to 9. President, the Earl of Lichfield. Costa's "Naamah," Sullivan's "Kenilworth," Gagliardi's "Offertorium," and Mozart's "Twelfth Mass" were produced. Mr. W. H. Cummings made his first appearance. Receipts, £13,777; profits, £5,256.

1867, Aug. 27 to 29. President, Earl Beauchamp. The novelties were Bennett's "Woman of Samaria," Gounod's "Messe Solennelle," Benedict's "Legend of St. Cecilia," and Barnett's "Ancient Mariner." The new singers were Mdlla. Christine Nilsson and Madame Patey-Whylock. Receipts, £14,397; profits, £5,541.

1870, Aug. 30 to Sept. 2. President, the Earl of Bradford. The new works were Barnett's "Paradise and the Peri," Benedict's "St. Peter," and Hiller's "Nala and Damayanti," Mdlla. Ilma de Murska, Mdlla. Drasdil, Miss Edith Wynne (Eos Cymru), Signor Foh, and Mr. Vernon Rigby making their *debut* as Festival singers. Receipts, £14,635; profits, £6,195.

1873, Aug. 25 to 28. President, the Earl of Shrewsbury and Talbot. The most important of the novelties were Sullivan's "Light of the World," and Schira's "Lord of Burleigh," but the greatest attraction of all was the patronising presence of royalty in the person of the Duke of Edinburgh. Receipts, £16,097; profits, £6,391.

1876, Aug. 29 to Sept. 1. President, the Marquis of Hertford. Herr Wagner's "Holy Supper," Mr. Mac-

farren's "Resurrection," Mr. F. H. Cowen's "Corsair," and Herr Gade's "Zion" and "Crusaders" were the pieces now first introduced, the artistes being all old friends, with the exception of Mr. E. Lloyd. Receipts £15,160; profits, £5,823.

1879, Aug. 26 to 29. President, Lord Norton. The fresh compositions consisted of Herr Max Bruch's "Lay of the Bell," Rossini's "Moses in Egypt," Saint-Saëns' "The Lyre and Harp," and Dr. C. S. Heap's "Overture in F." First appearances included Madame Gerster, Miss Anna Williams, Mr. Joseph Maas, and Herr Henschel. Receipts, £11,729; profits, £4,500.

1882, Aug. 29 to Sep. 1. President, Lord Windsor. On this occasion Madame Roze-Mapleson, Miss Eleanor Farnol, Mr. Horrex, Mr. Campion, and Mr. Woodhall, first came before a Festival audience. The list of new works comprised Gounod's "Redemption," Gaul's "Holy City," Gade's "Psyche," Benedict's "Graziella," Mr. C. H. Parcy's "Symphony in G Major," Brahms' "Triumphed," with a new song and a new march by Gounod. Receipts, £15,011; profits, £4,704.

1885, Aug. 25 to 28.—President: Lord Brooke. The principal performers were Madame Aibani, Mrs. Hutchinson, Miss Anna Williams, Madame Patey, Madame Trebelli; Messrs. Edward Lloyd, Joseph Maas, Sautley, Signor Foh. Herr Richter was the conductor. Works performed were:—Oratorio, "Elijah"; new Cantata, "Sleeping Beauty"; new Oratorio, "Mors et Vita"; new cantata, "Yule Tide"; Oratorio, "Messiah"; new Cantata, "The Spectre's Bride"; new Oratorio, "The Three Holy Children."

Music Halls.—Mr. Henry Holder is often said to have been the first who opened a public room of this kind, but there had been one some years before at the George and Dragon, corner of Weaman Street, Steelhouse Lane, which was both popular and respectably conducted.—See "*Concert Halls.*"

Musical Instruments.—Our grandfathers and grandmothers were content with their harps and harpsichords, their big and little fiddles, with trumpets and drums, horns, oboes, bassoons, and pipes. Clarionets were not introduced into the Festival bands until 1778; the double-bass kettle drums came in 1784; trombones in 1790; flutes, with six or more keys, were not known until 1802; serpents appeared in 1820; flageolets in 1823; the ophicleide was brought in 1829, and the monster specimens in 1834, which year also saw the introduction of the piccolo; the bombardon not coming until 1843. Pianofortes were first known in England in 1767, but when first played in Birmingham is uncertain; the first time the instrument is named in a Festival programme was 1808, but the loan of a grand by Mr. Tomkinson, a London maker, in 1817, was an event thought deserving of a special vote of thanks.

Musical Notabilities of the highest calibre have been frequent visitors here, at the Festivals and at the Theatres, though the native-born sons of song who have attained high rank in the profession number but few. Under "*Musical Festivals*" appear the names of all the leading artistes who have taken part in those world-known performances, the dates of their first appearances being only given, and in like manner in the notice of our "*Theatres*" and "*Theatrical Celebrities*" will be chronicled the advents of many celebrated "stars" who have trod our local boards. Considering the position he long held in the musical world, the introduction of Sir Michael Costa to Birmingham has sufficient interest to be here noted. Signor Costa had been sent by his friend Zingarelli to conduct his "*Cantata Sacra*" at the Festival of 1829. The managers, however, thought so very little of the young gentleman's appearance (he was but nineteen) that they absolutely refused him permission to do so, only allowing his expenses on condition that he went

among the singers. It was of no use his telling them that he was a conductor and not a singer, and he had nervously to take the part assigned him. On returning to London, he quickly "made his mark," and fell into his right place of honour and credit.

Musical Services.—The first of a series of week-night musical services for the people took place at St. Luke's Church, September 10, 1877, the instruments used being the organ, two kettle-drums, two trumpets, and two trombones. This was by no means an original idea, for the followers of Swedenborg had similar services as well in their Chapel in Paradise Street (on site of Queen's College), as in Newhall Street and Summer Lane.

Mysteries of Past History.—It was believed that a quantity of arms were provided here by certain gentlemen favourable to the Pretender's cause in 1745, and that on the rebels failing to reach Birmingham, the said arms were buried on the premises of a certain manufacturer, who for the good of his health fled to Portugal. The fact of the weapons being hidden came to the knowledge of the Government some sixty years after, and a search for them was intended, but though the name of the manufacturer was found in the rate books of the period, and down to 1750, the site of his premises could not be ascertained, the street addresses not being inserted, only the quarter of the town, thus: "T. S.—Digbeth quarter." The swords, &c., have remained undiscovered to the present day.—M 10, 1864, while excavations were being made in the old "Castle Yard," in High Street the skeletons of three human beings were found in a huddled position about 2½ ft. from the surface.—The Old Inkleys were noted for the peculiar character (or want thereof) of its inhabitants, though why they buried their dead beneath their cellar floors must remain a mystery. On October

29, 1879, the skeleton of a full-grown man was found underneath what had once been the site of a house in Court No. 25 of the Old Inkleys, where it must have lain at least 20 years.

Nail Making.—See "*Trades.*"

Natural History and Microscopical Society was formed in January, 1858. The first meeting of the Midland Union of Natural History, Philosophical, and Archaeological Societies and Field Clubs was held at the Midland Institute, May 27, 1878.

Nechells.—There is, or was, a year or two back, a very old house, "Nechells Hall," still in existence, where at one period of their history, some of the Holte family resided.

Needless Alley is said to have been originally called Needles Alley from a pin and needle makers' shop there.

Nelson.—Boulton struck a fine medal in commemoration of the Battle of Trafalgar, and by permission of the Government gave one to every person who took part in the action; flag-officers and commanders receiving copies in gold, lieutenants, &c., in silver, and the men, bronze. Being struck for this purpose only, and not for sale, the medal is very scarce.—See "*Statues.*"

New Hall.—One of the residences of the Colmore family, demolished in 1787, the advertisement announcing the sale of its materials appearing July 2 that year. It is generally believed that the house stood in exact line with Newhall Street, and at its juncture with Great Charles Street; the houses with the steps to them showing that the site between, whereon the Hall stood, was lowered after its clearance.

Newhall Hill.—Famous for ever in our history for the gatherings which have at times taken place thereon, the most important of which are those of 1819, July 12, to elect a "representative" who should demand admittance to, and a seat in, the House

of Commons, whether the Commons would let him or no. For taking part in this meeting, George Edmonds, Major Cartwright, and some others, were put on their trial. A "true bill" was found on August 9th, but the indictment being removed to King's Bench, the trial did not take place till August 7, 1820, the sentence of 12 months' imprisonment being passed May 28, 1821.—In 1832, May 14, nearly 200,000 persons present, Mr. Thomas Attwood presiding. This is the meeting described as "one of the most solemn spectacles ever seen in the world," when the whole mighty assemblage took the vow of the Political Union, to "devote themselves and their children to their country's cause."—In 1833, May 20, at which the Government was censured for passing a Coercion Bill for Ireland, for keeping on the window and house taxes, for not abolishing the Corn Laws, and for not allowing vote by ballot.

Newhall Lane was the original name for that part of Colmore Row situate between Newhall Street and Livery Street.

New John Street. for a long time, was considered the longest street in the borough, being 1 mile and 200 yards long.

New Market Street.—Some ground was set out here, years ago, for a market; hence the name.

Newspapers and Magazines.—In 1719 there were many small "sheets of news" published in London, but the imposition of a halfpenny stamp finished the career of the majority. In 1797 a 3^d. stamp, and in 1815 a 4^d. stamp was required. In 1836 it was reduced to 1^d., and in 1855, after a long agitation, the newspaper duty was abolished altogether. About 1830 the trick of printing a calico sheet of news was tried, the letter of the law being that duty must be paid on newspapers, but the Somerset House people soon stopped it. In Oct., 1834, among many others, James Guest, Thomas

Watts, and William Plastans, news-vendors of this town, were committed to Warwick Gaol for the offence of selling unstamped papers. In 1840, the total circulation of all the local papers did not reach 14,000 copies per week, a great contrast to the present day, when one office alone sends out more than 150,000 in the like time. During the Chartist agitation there were frequently as many as 5,000 to 6,000 copies of Feargus O'Connor's *Northern Star* sold here, and many hundreds a week of the *Weekly Dispatch*, a great favourite with "the people" then. *Cacoethes scribendi*, or the scribbling itch, is a complaint many local people have suffered from, but to give a list of all the magazines, newspapers, journals, and periodicals that have been published here is impossible. Many like garden flowers have bloomed, fruited, and lived their little day, others have proved sturdy plants and stood their ground for years, but the majority only just budded into life before the cold frosts of public neglect struck at their roots and withered them up, not a leaf being left to tell even the date of their death. Notes of a few are here given:—

Advertiser.—First number appeared Oct. 10, 1833.

Argus.—Started as a monthly Aug. 1, 1828.—See "*Allday*" under "*Noteworthy Men*."

Aris's Gazette.—The oldest of our present local papers was first published Nov. 16, 1741. Like all other papers of that period, it was but a dwarf in comparison with the present broad-sheet, and the whole of the local news given in its first number was comprised in five lines, announcing the celebration of Admiral Vernon's birthday. Its Founder, Thos. Aris, died July 4, 1761. Since that date it had seen but few changes in its proprietorship until 1872, when it was taken by a Limited Liability Company, its politics remaining staunchly Conservative. On May 12th, 1862, it was issued as a daily,

the Saturday's publication still bearing the old familiar name.

Athlete.—First issued as the "*Midland Athlete*," January, 1879.

Bazaar.—A quarto serial of 1823-25.

Birmingham Magazine.—A literary and scientific publication edited by Rev. Hugh Hutton. First appeared in Nov. 1827, running only nine numbers.

Bum.—A so-called satirical, but slightly scurrilous, sheet issued in 1869, for a brief period.

Central Literary Magazine.—First No. in Jan. 1873.

Chronicle.—First published in 1765 by Myles Swinney, who continued to edit the paper until his death in 1812. It was sold March 15, 1819, as well as the type foundry which had been carried on by Mr. Swinney, a business then noteworthy, as there was but one other of the kind in England out of London.

Daily Globe.—A Conservative ½d. evening paper, commencing Nov. 17, 1879, and dying Oct. 30, 1880.

Daily Mail.—Evening ½d. paper; an offshoot from the *Daily Post*, and now printed on adjoining premises. First published Sept. 7, 1870.

Daily Post.—First published Dec. 4, 1857, by the proprietors of the *Journal*. From the first it "took" well, and it is the leading daily paper of the Midland Counties.

Daily Press.—The first daily paper issued in Birmingham appeared on May 7, 1855. Like many other "new inventions," however, it did not succeed in making a firm footing and succumbed in November, 1858.

Dart.—A well-conducted comic weekly paper. Commenced Oct. 28, 1876.

Edgbaston Advertiser.—Published monthly by Mr. Thos. Britton, Ladywood. As its name implies, this publication is more of the character of an advertising sheet than a newspaper, but it often contains choice literary pieces which make it a favourite.

Edgbastonia.—A monthly, full of

quaint and curious notes, local biographies, &c., issued by Mr. Eliezer Edwards, the well-known "S.D.R." First sent out May, 1881.

Edmonds' Weekly Recorder.—First published by George Edmonds, June 18, 1819. It was alive in 1823, but date of last issue is uncertain.

German.—A newspaper printed in the German language made its appearance here Aug. 7, 1868, but did not live long.

Graphic.—A penny illustrated commenced Feb. 21, 1883, but its growth was not sufficiently *hardy* to keep it alive more than two summers.

Gridiron.—"A grill for saints and sinners," according to No. 1 (June 14, 1879), and if bitter biting personifications can be called fun, the publication was certainly an amusing one, so long as it lasted.

Hardware Lion.—Rather a curious name for the monthly advertising sheet first published Dec., 1880, but it did not long survive.

Illustrated Midland News.—The publication of this paper, Sept. 4, 1869, was a spirited attempt by Mr. Joseph Hatton to rival the *Illustrated London News*; but the fates were against him, and the last number was that of March 11, 1871.

Inspector.—A political sheet, which only appeared a few times in 1815.

Iris.—A few numbers of a literary magazine thus named were issued in 1830.

Jacob's Herald.—A weekly paper, published 1808, but not of long existence.

Journal.—A paper with this name was published in 1733, but there are no files extant to show how long it catered for the public. A copy of its 18th number, Monday, May 21, 1733, a small 4to of 4 pages, with the $\frac{1}{2}$ d. red stamp, is in the possession of the proprietors of the *Daily Post*. The *Journal* of later days first appeared June 4 1825, and continued to

be published as a Saturday weekly until 1873, when it was incorporated with the *Daily Post*.

Liberal Review.—First number March 20, 1880, and a few numbers ended it.

Looker-On.—A quizzical critical sheet of theatrical items of the year 1823.

Literary Phoenix.—A miscellany of literary litter swept together by Mr. Henry Hawkes in 1820, but soon dropped.

Lion.—Another of the modern "satirical" shortlived sheets, started Jan. 4, 1877.

Mercury.—The *Birmingham Mercury and Warwickshire and Staffordshire Advertiser* was the title of a news paper of which the first copy was dated November 24, 1820. The title of *Mercury* was revived in 1848, on the 10th December of which year Mr. Wm. B. Smith brought out his paper of that name. It commenced with *éclat*, but soon lost its good name, and ultimately, after a lingering existence (as a daily at last), it died out August 24, 1857.

Middle School Mirror.—A monthly, edited, written, and published by the boys of the Middle School of King Edward the Sixth, shone forth in December, 1880.

Midland Antiquary.—First number for Oct., 1882. A well-edited chronicle of matters interesting to our "Old Mortality" boys.

Midland Counties Herald.—First published July 26, 1836, by Messrs. Wright and Dain. Its circulation, though almost gratuitous is extensive and from its high character as a medium for certain classes of advertisements it occasionally has appeared in the novel shape of a newspaper without any news, the advertisers taking up all the space.

Midland Echo.—Halfpenny evening paper, commenced Feb. 26, 1883, as an extra-superfine Liberal organ. Ceased to appear as a local paper early in 1885.

Midland Metropolitan Magazine.—

This heavily-named monthly lasted just one year, from Dec., 1852.

Midland Naturalist.—Commenced Jan. 1, 1878.

Morning News.—Daily paper, in politics a Nonconformist Liberal; first published Jan. 2, 1871, under the editorship of George Dawson until the expiration of 1873. On Aug. 16, 1875, it was issued as a morning and evening paper at ½d. : but the copy for May 27, 1876, contained its own death notice.

Mouse Trap.—The title of a little paper of playful badinage, issued for a month or two in the autumn of 1824.

Naturalists' Gazette.—In Sept. 1882, the Birmingham naturalists began a gazette of their own.

Old and New Birmingham was published in monthly parts, the first being issued June 1, 1878.

Owl.—A weekly pennyworth of self-announced "wit and wisdom" first issued Jan. 30, 1879.

Penny Magazine.—This popular periodical, the fore-runner of all the cheap literature of the day, may be said to have had a Birmingham origin, as it was first suggested to Charles Knight by Mr. M. D. Hill in 1832.

Philanthropist.—First published (as *The Reformer*) April 16, 1835, by Benjamin Hudson, 18, Bull Street; weekly, four pages, price 7d., but in the following September lowered to 4½d., the stamp duty of 4d. being at that time reduced to 1d. In politics it was Liberal, and a staunch supporter of the Dissenters, who only supported it for about two years.

Radical Times.—Came into existence Sept. 30, 1876, but being too rabidly Radical, even for "the 600," whose leading-strings it shirked, it did not thrive for long.

Register or Entertaining Museum.—With the prefix of the town's name, this monthly periodical lived one year from May 10, 1764. This was one of the earliest London-printed country papers, the only local portion being

the outside pages, so that it suited for a number of places.

Reporter and Review.—Principally devoted to the doings on the local stage, and published for a brief period during June, &c., 1823.

Saturday Evening Post.—A weekly "make-up" from the *Daily Post* (with a few distinctive features) and came into being with that paper; price 1½d. Originally issued at noon on Saturday, but latterly it has appeared simultaneous with the *Daily*, and is known as the *Weekly Post*, its price lately having been reduced to 1d.

Saturday Night.—First published, Sept. 30, 1882.

Saturday's Register.—Another of George Edmunds' political papers, which appeared for a few months in 1820.

Spectator.—A literary and dramatic monthly, of which seven parts were published in 1824.

Sunday Echo.—First number came out May 21, 1882.

Sunday Express.—Started August, 1884, and died August, 1885.

Sunday Telegram.—Started May, 1883.

Sunrise.—Rose Nov. 18, 1882, at the price of one-halfpenny, and lasted a few weeks only.

Tattler.—April 1817 saw the first appearance of this tittle-tattle-tale-telling monthly tease to all lovers of theatrical order, and August saw the last.

Theatrical Argus.—Of May and following months of 1830. A two-penny-worth of hotch-potch, principally scandal.

Theatrical John Bull.—Published in May, 1824, lasting for the season only.

Theatrical Note Book.—Rival to above in June, 1824, and going off the stage same time.

Town Crier.—This respectable specimen of a local comic appeared first in September, 1861, and it deserves a long life, if only for keeping clear of scandal and scurrility

Warwick and Staffordshire Journal.

—Though printed here, the town was not thought capable of filling its columns; a little experience showed the two counties to be as bad, and subscribers were tempted to buy by the issue of an Illustrated Bible and Prayer Book sent out in parts with the paper. The first No. was that of Aug. 20, 1737, and it continued till the end of Revelations, a large number of copperplate engravings being given with the Bible, though the price of the paper was but 2d.

Weekly Mercury.—Commenced November, 1884.

Weekly News.—A weak attempt at a weekly paper, lasted from May to September, 1882.

Newsrooms.—The first to open a newsroom were Messrs. Thomson and Wrightson, booksellers, who on Aug. 22, 1807, admitted the public to its tables. In 1825 a handsome newsroom was erected in Bennett's Hill, the site of which was sold in 1858 for the County Court, previous to its removal to Waterloo Street.

New Street once called "Beast Market," was in Hutton's time approached from High Street through an archway, the rooms over being in his occupation. In 1817 there were several walled-in gardens on the Bennett's Hill side of the street, and it is on record that one house at least was let at the low rent of 5s. 6d. per week. The old "Grapes" public-house was pulled down just after the Queen's visit, being the last of the houses removed on account of the railway station. Though it has long been the principal business street of the town, New Street was at one time devoted to the ignoble purposes of a beast market, and where the fair ladies of to-day lightly tread the flags when on shopping bent, the swine did wait the butcher's knife. New Street is 561 yards in length; between Temple Street and Bennett's Hill it is 46½ feet wide, and near Worcester Street 65 ft. 4 in. wide.

Nonconformists.—The so-called Act of Uniformity of 1662 deprived nearly 2,000 of the clergy of their livings, and a few of them came to Birmingham as a place of refuge, ministering among the Dissenters, who then had no buildings for regular worship. There were many documents in the lost Staunton Collection relating to some of these clergymen, who, however, did not find altogether comfortable quarters even here, one George Long, M.D., who had fled from his persecutors in Staffordshire, finding no peace in Birmingham, removed to Ireland; others, though they came here by stealth to minister, had to reside in country parts. A Central Nonconformist Committee was formed here March 3, 1870.

Nonjurors.—Among the name of the Roman Catholics, or "Nonjurors," who refused to take the oath of allegiance to George I., appeared that of John Stych, of Birmingham, whose forfeited estate was, in 1715, valued at £12.

Northfield.—Four and a-half miles from Birmingham. There was a Church here at the time of the Norman survey, and some traces of its Saxon origin, students of architecture said, could once be found in the ancient doorway on the north side of the building. Some forty years ago the psalmody of the congregation and choir received assistance from the mellifluous strains ground out of a barrel organ, which instrument is still preserved as a curiosity by a gentleman of the neighbourhood. They had an indelible way at one time of recording local proceedings in matters connected with the Church here. The inscriptions on the six bells cast in 1730 being:—

Treble.—We are now six, though once but five,
2nd.—Though against our casting some did strive,
3rd.—But when a day for meeting they did fix,
4th.—There appeared but nine against twenty six.

5th.—Samuel Palmer and Thomas Silk Churchwardens.

Tenor.—Thomas Kettle and William Jervoise did contrive

To make us six that were but five.

Notable Offences.—In olden days very heavy punishments were dealt out for what we now think but secondary offences, three men being sentenced to death at the Assizes, held March 31, 1742, one Austey for burglary, Townsend for sheep-stealing, and Wilnot for highway robbery. The laws also took cognisance of what to us are strange crimes, a woman in 1796 being imprisoned here for selling almanacs without the Government stamp on them; sundry tradesmen also being heavily fined for dealing in covered buttons. The following are a few other notable offences that have been chronicled for reference:—

Bigamy.—The Rev. Thomas Morris Hughes was, Nov. 15, 1853, sentenced to seven years' penal servitude for this offence. He had been previously punished for making a false registration of the birth of a child, the mother of which was his own stepdaughter.

Burglary.—On Christmas eve, 1800, five men broke into the counting-house at Soho, stealing therefrom 150 guineas and a lot of silver, but Matthew Boulton captured four of them, who were transported. —The National School at Handsworth, was broken into and robbed for the fifth time Sept. 5, 1827.—A warehouse in Bradford Street was robbed Jan. 9, 1856, of an iron safe, weighing nearly 4 cwt., and containing £140 in cash.—A burglary was committed in the Bull Ring, July 5, 1862, for which seven persons were convicted.

Coining.—Booth, the noted coiner and forger, was captured at Perry Barr, March 28, 1812, his house being surrounded by constables and soldiers. In addition to a number of forged notes and £600 in counterfeit silver, the captors found 200 guineas in gold and nearly £3,000 in good notes, but they did not save Booth from being hanged. Booth had many hiding places for his

peculiar; reductions, parcels of spurious coins having several times been found in hedgerow banks and elsewhere; the latest find (in April, 1884) consisted of engraved copper-plates for Bank of England £1 and £2 notes. —There have been hundreds of coiners punished since his day. The latest trick is getting really good dies for sovereigns, for which Ingram B.borough, an old man of three score and six, got seven years' penal servitude, Nov. 15 1883.

Deserters.—On 24 July, 1742, a soldier deserted from his regiment in this town. Followed, and resisting, he was shot at Tettenhall Wood.—A sergeant of the Coldstream Guards was shot here while trying to capture a deserter, September 13, 1796.

Dynamite making.—One of the most serious offences committed in Birmingham was discovered when Alfred Whitehead was arrested April 5, 1883, on the charge of manufacturing nitro-glycerine, or dynamite, at 123, Ledsam Street. Whitehead was one of the Irish-American or American-Irish party of the Land Leaguers or Home Rulers, who entertain the idea that by committing horrible outrages in England, they will succeed in making Ireland "free from the galling yoke of Saxon tyranny" and every Irishman independent of everybody and everything everywhere. Well supplied with funds from New York, Whitehead quietly arranged his little manufactory, buying glycerine from one firm and nitric and sulphuric acids from others, certain members of the conspiracy coming from London to take away the stuff when it was completely mixed. The deliveries of the peculiar ingredients attracted the attention of Mr. Gilbert Pritchard, whose chemical knowledge led him to guess what they were required for; he informed his friend, Sergeant Price, of his suspicions; Price and his superior officers made nightly visits to Ledsam Street, getting into the premises, and taking samples for examination; and on the morning named Whitehead's game was over, though not before he had been watched in sending off two lots of

the dangerously explosive stuff to London. There was, however, no less than 200lbs. weight found still on the premises. The men who carried it to London were quickly caught with the dynamite in their possession, and with Whitehead were brought to trial and each of them sentenced to penal servitude for life. The distribution of rewards in connection with the "dynamite outrages," so far as Birmingham people were concerned, was somewhat on a similar scale to that described by the old sailor, when he said "prize-money" was distributed through a ladder, all passing through going to the officers, while any sticking to the wood was divided among the men. Mr. Farn- dale, the Chief of Police, was granted an addition to his salary of £100 per year; Inspector Black was promoted to the rank of Superintendent, adding £50 a year to his salary, and was presented with £100 from Government; Sergeant Price became Inspector, with a rise of £41 12s. a year, and received a bonus of £200; Inspector Rees' salary was raised to two guineas a week, with a gift of £50; while Mr. Pritchard, to whom belonged the conspicuous service of having given the information which led the police to act, was rewarded (!) with £50, having lost his situation through his services to the public.

Embezzlements.—In 1871, W. Harrison, the Secretary of the Birmingham Gas Company, skedaddled, his books showing defalcations to the amount of £18,000. When the company was dissolved, £100 was left in a bank for Mr. Secretary's prosecution, should he return to this country.—July 12, 1877, the secretary of the Moseley Skating Rink Company was awarded twelve months, and the secretary of the Butcher's Hide and Skin Company six months, for similar offences, but for small amounts.

Forgery.—In the year 1800, seven men were hung at Warwick for forgery,

and with the nine for sheep-stealing. The manufacture of forged bank-notes was formerly quite a business here, and many cases are on record of the detection and punishment of the offenders.—June 28, 1879, the Joint Stock Bank were losers of £2,130 through cashing three forged envelopes bearing the signature of W. C. B. Givc, the clever artist getting ten years.—Nov. 15, 1883, John Alfred Bargain, manager of the Union Bank, for forging and uttering a certain order, and falsifying his books, the amounts embezzled reaching £9,000, was sentenced to fifteen years' penal servitude.—On the previous day Benjamin Robert Danks was similarly punished for forgeries on his employer, Mr. Jesse Herbert, barrister, who had been exceedingly kind to him.—Zwingli Sargent, solicitor, was sentenced to five years' penal servitude, April 28, 1885, for forgery and misappropriating money belonging to clients.

Fortune-telling is still far from being an uncommon offence, but "Methrattion," the "Great Seer of England," *alias* John Hartwell, who, on March 28, 1883, was sentenced to nine months hard labour, must rank as being at the top of the peculiar profession. Though a "Great Seer" he could not foresee his own fate.

Highwaymen.—The "gentlemen of the road" took their tolls in a very free manner in the earlier coaching days, notwithstanding that the punishment dealt out was frequently that of death or, in mild cases, transportation for life. The Birmingham stage coach was stopped and robbed near Banbury, May 18, 1743, by two highwaymen, who, however, were captured same day, and were afterwards hung.—Mr. Wheeley, of Edgbaston, was stopped in a lane near his own house, and robbed of 20 guineas by a footpad, May 30, 1785.—An attempt to rob and murder Mr. Evans was made near Aston Park, July 25, 1789.—Henry Wolseley, Esq. (third son of Sir W. Wolseley, Bart.), was robbed by high-

waymen near Erdington, Nov. 5, 1793. — Some highwaymen robbed a Mr. Benton of £90 near Aston Brook, April 6, 1797. — The coach from Sheffield was stopped by footpads near Aston Park, March 1, 1798, and the passengers robbed. — The "Balloon" coach was robbed of £3,000, Dec. 11, 1822 and the Warwick mail was robbed of no less than £20,000 in bank notes, Nov. 28, 1827.

Horrible. — The bodies of eleven children were found buried at back of 68, Long Acre, Nechells, where lived Ann Pinson, a midwife, who said they were all still-born, July, 1878.

Long Firms. — A term applied to rogues, who, by pretending to be in business, procure goods by wholesale, and dispose of them fraudulently. W. H. Stephenson, of this town, a great patron of these gentry, was sentenced to seven years' penal servitude, Nov. 22, 1877, for the part he had taken in one of these swindling transactions, according to account by far from being the first of the kind he had had a hand in.

Next-of-Kin Fraud. — Many good people imagine they are entitled to property now in other hands, or laid up in Chancery, and to accommodate their very natural desire to obtain information that would lead to their getting possession of same, a "Next-of-Kin Agency" was opened in Burlington Passage at the beginning of 1882. The *modus operandi* was of the simplest: the firm advertised that Brown, Jones, and Robinson were wanted; Brown, Jones, and Robinson turned up, and a good many of them; they paid the enquiry fees, and called again. They were assured (every man Jack of them) they were right owners, and all they had to do was to instruct the firm to recover. More fees, and heavy ones; the Court must be petitioned — more fees; counsel engaged — more fees; case entered for hearing — more fees, and so on, as long as the poor patients would stand bleeding. Several instances were

known of people selling their goods to meet the harpies' demands; clergy-men and widows, colliers and washerwomen, all alike were in the net. It became too hot at last, and Rogers, Beeton and Co., were provided with berths in the gaol. At Manchester Assizes, July 18, 1882, J. S. Rogers got two years' hard labour, A. Mackenzie and J. H. Shakespear (a solicitor) each 21 months; and E. A. Beeton, after being in gaol six months, was ordered to stop a further twelve, the latter's conviction being from this town.

Novel Theft. — A youth of nineteen helped himself to £128 from a safe at General Hospital, and spent £13 of it before the magistrates (Jan. 15, 1875) could give him six months' lodgings at the gaol. — Three policemen were sent to penal servitude for five years for thieving July 8, 1876. — Sept. 19, 1882, some labourers engaged in laying sewage pipes near Newton Street, Corporation Street, came across some telegraph cables, and under the impression that they were "dead" wires, hitched a horse thereto and succeeded in dragging out about a dozen yards of no less than 33 different cables connecting this town with Ireland, the Continent, and America. Their prize was sold for 4s. 6d., but the inconvenience caused was very serious. Henry Jones, who was tried for the trick, pleaded ignorance, and was let off. — At Quarter Sessions, Ernest Lotze, got six months for stealing, Dec. 12, 1892, from his employer 87lb. weight of human hair, valued at £300.

Personal Outrages. — Maria Ward was sentenced to penal servitude December 18, 1873, for mutilating her husband in a shocking manner. — At Warwick Assizes, December 19, 1874, one man was sentenced to 15 years, and four others to 7 years' penal servitude for outraging a woman in Shadwell Street. — George Moriarty, plasterer, pushed his wife through the chamber window, and on her clinging to the ledge beat her hands with a hammer

till she fell and broke her leg, May 31, 1875. It was three months before she could appear against him, and he had then to wait three months for his trial, which resulted in a twenty years' sentence.

Sacrilege.—In 1583 St. Martin's Church was robbed of velvet "paul cloathes," and also some money belonging to the Grammar School.—Handsworth Church was robbed of its sacramental plate, February 10, 1784; and Aston Church was similarly despoiled, April 21, 1788.—A gross sacrilege was committed in Edgbaston Church, December 15, 1816.—Four Churches were broken into on the night of January 3, 1873.

Sedition and Treason.—George Ragg, printer, was imprisoned for sedition, February 12, 1821.—George Thompson, gun maker, 31, Whittail Street, was imprisoned, August 7, 1839, for selling guns to the Chartists.

Shop Robberies.—Diamonds worth £400 were stolen from Mr. Wray's shop, November 27, 1872.—A jeweller's window in New Street was smashed January 23, 1875, the damage and loss amounting to £300.—A bowl

containing 400 "lion sixpences" was stolen from Mr. Thomas's window, in New Street, April 5, 1878.—Mr. Mole's jeweller's shop, High Street, was plundered of £500 worth, April 13th, 1881. Some of the works of the watches taken were afterwards fished up from the bottom of the Mersey, at Liverpool.

Short Weight.—Jan. 2, 1792, there was a general "raid" made on the dealers in the market, when many short-weight people came to grief.

Street Shouting.—The Watch Committee passed a bye-law, May 14, 1878, to stop the lads shouting "*Mail, Mail,*" but they go on doing it.

Swindles.—Maitland Boon Hamilton, a gentleman with a cork leg, was given six months on July 25, 1877, for fleecing Mr. Marsh, the jeweller, out of some diamonds.—James Bentley, for the "Christmas hamper swindle," was sentenced to seven years at the Quarter Sessions, May 1, 1878.

The following tables show the number of offences dealt with by the authorities during the five years ending with 1882 (the charges, of which only a small number have been reported, being omitted):—

The total number of crimes reported under the head of "indictable offences"—namely, Sessions and Assizes cases—the number apprehended, and how dealt with, will be gathered from the following summary:—

Year.	Crimes.	Apprehended.		Comm. for trial.	
1878	1746	495	349		
1879	1358	474	399		
1880	1187	451	340		
1881	1343	435	351		
1882	1467	515	401		

NATURE OF CRIME.		Number of Offences Reported.				
	1878.	1879.	1880.	1881.	1882.	
Murder	11	11	5	5	4	
Shooting, wounding, stabbing, &c. ...	30	23	8	21	28	
Manslaughter	4	3	13	6	8	
Rape, assaults with intent, &c. ...	6	1	1	9	4	
Bigamy	8	0	1	4	7	
Assaults on peace officers	0	4	0	1	2	
Burglary, housebreaking, &c. ...	6	112	80	83	131	
Breaking into shops, &c. ...	4	94	56	109	120	
Robbery	—	9	6	10	9	
Larcenies (various)	1146	959	845	935	931	

NATURE OF CRIME.	Number of Offences Reported.				
	1878.	1879.	1880.	1881	1882.
Receiving stolen goods	22	3	16	8	6
Frauds and obtaining by false pretences	63	45	53	37	69
Forgery and uttering forged instruments	5	9	5	4	9
Uttering, &c., counterfeit coin...	48	32	43	37	63
Suicide (attempting)	20	17	19	16	23

The following are the details of the more important offences dealt with summarily by the magistrates during the last five years :—

OFFENCES PUNISHABLE BY JUSTICES.	Number of persons proceeded against.				
	1878	1879.	1880.	1881.	1882.
Assaults (aggravated) on women and children	78	57	68	37	67
Assaults on peace-officers, resisting, &c.	479	390	340	340	385
Assaults, common	1554	1242	1293	1207	1269
Breaches of peace, want of sureties, &c.	426	381	287	219	244
Cruelty to animals	154	77	129	128	94
Elementary Education Act, offences against	1928	2114	1589	1501	1755
Employers and Workshops Act, 1875	224	198	185	155	154
Factory Acts	12	2	17	11	62
Licensing Acts offences	267	263	132	254	297
Drunkenness, drunk and disorderly... ..	2851	2128	2218	2345	2443
Lord's Day offences	46	4	1	0	0
	Number of persons proceeded against.				
	1878.	1879.	1880.	1881.	1882.
Local Acts and Bye-laws, offences against	4872	4327	4127	3702	3603
Malicious and wilful damage ...	187	163	163	214	225
Public Health Act, smoke, etc.	317	172	104	104	161
Poor Law Acts, offences against	203	220	251	243	325
Stealing or attempts (larcenies)	1094	1222	1434	1253	1235
Vagrant Act, offences under ...	614	622	624	611	783
Other offences	214	174	172	211	386

The following are the totals of the summary offences for the same period, and the manner in which they were disposed of :—

Year.	Cases.	Convicted.	Fined.
1878	16,610	12,767	8,940
1879	14,475	10,904	7,473
1880	13,589	9,917	6,730
1881	13,007	9,468	6,412
1882	13,788	10,171	6,372

Similar statistics for 1883 have not yet been made up, but a return up to December 31 of that year shows that the number of persons committed during the year to the Borough Gaol, or, as it is now termed, her Majesty's Prison at Winson Green, were 3,044 males and 1,045 females from the borough, and 1,772 males and 521

females from districts, making a total of 6,382 as against 6,565 in 1882. In the borough 734 males and 193 females had been committed for felony, 1,040 males and 290 females for misdemeanour, 707 males and 329 females for drunkenness, and 243 males and 121 females for vagrancy. Of prisoners sixteen years old and under there were 193 males and 21 females.

Noteworthy Men of the Past.

—Though in the annals of Birmingham history the names of very many men of note in art, science, and literature, commerce and politics, are to be found, comparatively speaking there are few of real native origin. Most of our best men have come from other parts, as will be seen on looking over the notices which follow this. Under the heading of "*Parsons, Preachers, and Priests*," will be found others of different calibre.

Allday.—The "Stormy Petrel" of modern Birmingham was Joseph, or, as he was better known, Joey Allday, whose hand at one time, was against every man, and every man's hand against Joe. Born in 1798, Mr. Allday, on arriving at years of maturity, joined his brothers in the wire-drawing business, but though it is a painful sight to see (as Dr. Watts says) children of one family do very often disagree, even if they do not fall out and chide and fight; but Joseph was fond of fighting (though not with his fists), and after quarrelling and dissolving partnership, as one of his brothers published a little paper so must he. This was in 1824, and Joey styled his periodical *The Mousetrap*, footing his own articles with the name of "Argus." How many *Mousetraps* Allday sent to market is uncertain, as but one or two copies only are known to be in existence, and equally uncertain is it whether the speculation was a paying one. His next literary notion, however, if not pecuniarily successful, was most assuredly popular, as well as notorious, it being the much-talked-of *Argus*. The dozen or fifteen years following

1829 were rather prolific in embryo publications and periodicals of one kind and another, and it is a matter of difficulty to ascertain how the exact particulars respecting many of them. All-day's venture, which was originally called *The Monthly Argus*, first saw the light in August, 1828, and, considering the times, it was a tolerably well-conducted sheet of literary miscellany, prominence being given to local theatrical matters and similar subjects, which were fairly criticised. Ten numbers followed, in due monthly order, but the volume for the year was not completed, as in July, 1830, a new series of *The Argus* was commenced in Magazine shape and published at a shilling. The editor of this new series had evidently turned over a new leaf, but he must have done so with a dagger, for the publication became nothing better than the receptacle of rancour, spite, and calumny, public men and private individuals alike being attacked, and often in the most scurrilous manner. The printer (who was still alive a few years back) was William Chidlow and on his head, of course, fell all the wrath of the people libelled and defamed. George Frederick Muntz horse-whipped him, others sued him for damages, and even George Edmonds (none too tender-tongued himself) could not stand the jibes and jeers of *The Argus*. The poor printer was arrested on a warrant for libel; his types and presses were confiscated under a particular section of the Act for regulating newspapers, and Allday himself at the March Assizes in 1831 was found guilty on several indictments for libel, and sentenced to ten months' imprisonment. A third series of *The Argus* was started June 1st, 1832, soon after Allday's release from Warwick, and as the vile scurrility of the earlier paper was abandoned to a great extent, it was permitted to appear as long as customers could be found to support it, ultimately dying out with the last month of 1834. To Mr.

Joseph Allday must credit be given for the exposure of numerous abuses existing in his day. He had but to get proper insight into anything going on wrong than he at once attacked it, tooth and nail, no matter who stood in the road, or who suffered from his blows. His efforts to put a stop to the cruelties connected with the old system of imprisonment and distraint for debt led to the abolition of the local Courts of Requests; and his wrathful indignation on learning the shocking manner in which prisoners at the goal were treated by the Governor, Lieutenant Austin, in 1852-53, led to the well-remembered "Gaol Atrocity Enquiry," and earned for him the thanks of the Commissioners appointed by Government to make the enquiry. As a Town Councillor and Alderman, as a Poor Law Guardian and Chairman of the Board, as Parish Warden for St. Martin's and an opponent of church-rates (while being a good son of Mother Church), as founder of the Ratepayers' Protection Society and a popular leader of the Conservative party, it needs not saying that Mr. Allday had many enemies at all periods of his life, but there were very few to speak ill of him at the time of his death, which resulted from injuries received in a fall on Oct. 2nd, 1861.

Allen, J.—Local portrait painter of some repute from 1802 to 1820.

Aston, John, who died Sept. 12, 1882, in his 82nd year, at one time took a leading share in local affairs. He was High Bailiff in 1841, a J.P. for the county, for 40 years a Governor of the Grammar School, and on the boards of management of a number of religious and charitable institutions. A consistent Churchman, he was one of the original trustees of the "Ten Churches Fund," one of the earliest works of church extension in Birmingham; he was also the chief promoter of the Church of England Cemetery, and the handsome church of St. Michael, which stands in the Cemetery grounds, was largely due to

his efforts. In politics Mr. Aston was a staunch Conservative, and was one of the trustees of the once notable Constitutional Association.

Attwood.—The foremost name of the days of Reform, when the voice of Liberal Birmingham made itself heard through its leaders was that of Thomas Attwood. A native of Salop, born Oct. 6, 1783, he became a resident here soon after coming of age, having joined Messrs. Spooner's Bank, thence and afterwards known as Spooner and Attwood's. At the early age of 28 he was chosen High Bailiff, and soon made his mark by opposing the renewal of the East India Co.'s charter, and by his exertions to obtain the withdrawal of the "Orders in Council," which in 1812, had paralysed the trade of the country with America. The part he took in the great Reform meetings, his triumphant reception after the passing of the Bill, and his being sent to Parliament as one of the first representatives for the borough, are matters which have been too many times dilated upon to need recapitulation. Mr. Attwood had peculiar views on the currency question, and pertinaciously pressing them on his fellow members in the House of Commons he was not liked, and only held his seat until the end of Dec., 1839, the last prominent act of his political life being the presentation of a monster Chartist petition in the previous June. He afterwards retired into private life, ultimately dying at Malvern, March 6, 1856, being then 73 years of age. Charles Attwood, a brother, but who took less part in politics, retiring from the Political Union when he thought Thomas and his friends were verging on the precipice of revolution, was well known in the north of England iron and steel trade. He died Feb. 24, 1875, in his 84th year. Another brother Benjamin, who left politics alone, died Nov. 22, 1874, aged 80. No greater contrast could possibly be drawn than that shown in the career of these three gentlemen. The youngest

brother who industriously attended to his business till he had acquired a competent fortune, also inherited enormous wealth from a nephew, and after his death he was proved to have been the long unknown but much sought after anonymous donor of the £1,000 notes so continuously acknowledged in the *Times* as having been sent to London hospitals and charities. It was said that Benjamin Attwood distributed nearly £350,000 in this unostentatious manner, and his name will be ever blessed. Charles Attwood was described as a great and good man, and a benefactor to his race. His discoveries in the manufacture of glass and steel, and his opening up of the Cleveland iron district, has given employment to thousands, and as one who knew him well said, "If he had cared more about money, and less about science, he could have been one of the richest commoners in England;" but he was unselfish, and let other reap the benefit of his best patents. What the elder brother was, most Brums know; he worked hard in the cause of Liberalism, he was almost idolised here, and his statue stands not far from the site of the Bank with which his name was unfortunately connected, and the failure of which is still a stain on local commercial history.

Baldwin, James.—Born in the first month of the present century, came here early in his teens, worked at a printer's, saved his money, an employer at 25, made a speciality of "grocer's printing," fought hard in the battle against the "taxes on knowledge," became Alderman and Mayor, and ultimately settled down on a farm near his own paper mills at King's Norton, where, Dec. 10, 1871, he finished a practically useful life, regretted by many.

Bayley, C. H.—A Worcestershire man and a Staffordshire resident; a persevering collector of past local and county records, and an active member of the Archaeological section of the Midland Institute. Mr. Bayley was

also a member of the Staffordshire Archaeological Society, and took special interest in the William Salt Library at Stafford, whose treasures were familiar to him, and whose contents he was ever ready to search and report on for any of his friends. In 1869 he issued the first of some proposed reprints of some of his own rarities, in "A True Relation of the Terrible Earthquake at West Brum-midge, in Staffordshire," &c., printed in 1676; and early in 1882 (the year of his death) "The Rent Rolls of Lord Dudley and Ward in 1701"—a very curious contribution to local history, and full of general interest also.

Beale, Samuel.—At one period a most prominent man among our local worthies, one of the first Town Councillors, and Mayor in 1841. He was Chairman of the Midland Railway, a director of the Birmingham and Midland Bank, and sat as M.P. for Derby from 1857 to 1865. He died Sept. 11, 1876, aged 71.

Beale, W. J.—A member of the legal firm of Beale, Marigold, and Beale. Mr. Beale's chief public service was rendered in connection with the General Hospital and the Musical Festivals. He was for many years a member of the Orchestral Committee of the Festivals, and in 1870 he succeeded Mr. J. O. Mason as chairman; retaining this position until after the Festival of 1876. His death took place in July, 1880, he then being in his 76th year.

Billing, Martin.—Founder of the firm of Martin Billing, Sons, & Co., Livery Street, died July 17, 1883, at the age of 71. He commenced life under his uncle, Alderman Baldwin, and was the first to introduce steam printing machines into Birmingham. The colossal structure which faces the Great Western Railway Station was erected about twenty-nine years ago.

Bisset, James, was the publisher of the "Magnificent Directory" and "Poetic Survey" of Birmingham, pre-

sented to the public, January 1, 1800.

Bowly, E. O.—A native, self-taught artist, whose pictures now fetch rapidly-increasing sums, though for the best part of his long life dealers and the general run of art patrons, while acknowledging the excellence of the works, would not buy them. Mr. Bowly, however, lived sufficiently long to know that the few gentlemen who honoured him in his younger years, were well recompensed for their kind recognition of his talent, though it came too late to be of service to himself. His death occurred Feb. 1, 1876, in his 70th year.

Briggs.—Major W. B. Briggs, who was struck off the world's roster Jan. 25, 1877, was one of the earliest and most ardent supporters of the Volunteer movement in Birmingham, being gazetted ensign of the 2nd Company in November, 1859. He was a hearty kindly man, and much esteemed in and out of the ranks.

Burritt, Elihu, the American "learned blacksmith," having made himself proficient in fifteen different languages. He first addressed the "Friends of Peace" in this town, Dec. 15, 1846, when on a tour through the country. He afterwards returned, and resided in England for nearly twenty-five years, being for a considerable time United States Consul at Birmingham, which he left in 1868. During his residence here he took an active share in the work of diffusing the principles of temperance and peace, both by lecturing and by his writings.

Brewer, Henry.—A native of the town; forty-five years British Consul at Trieste; returned here in 1842, and died in 1867. He learned shorthand writing of Dr. Priestley, and was the first to use it in a law court in this county.

Cadbury, Richard Tapper.—A draper and haberdasher, who started business here in 1794. One of the Board of Guardians, and afterwards Chairman (for 15 years) of the Commissioners of

the Streets, until that body was done away with. Mr. Cadbury was one of the most respected and best known men of the town. He died March 13, 1860, in his 92nd year, being buried in Bull Street among his departed friends.

Capers, Edward.—Sometimes called the "poet-postman," is a Devonshire man, but resided for a considerable time at Harborne. He deserves a place among our noteworthy men, if only for his sweet lines on the old Love lane at Edgbaston, now known as Richmond Hill.

"But no vestige of the bankside fingers now
or gate to show
The track of the old vanished lane of love's
sweet long ago."

Carey, Rev. Henry Francis, a native of this town (born in 1772), vicar of Bromley Abbots, Staffordshire, himself a poet of no mean order, translated in blank verse Dante's "Inferno," the "Divina Commedia," &c., his works running rapidly through several editions. For some time he was assistant librarian at the British Museum, and afterwards received a pension of £200 a year. Died in 1844, and lies in "Poet's Corner," Westminster Abbey.

Chamberlain, John Henry.—Came to Birmingham in 1856, and died suddenly on the evening of Oct. 22, 1883, after delivering a lecture in the Midland Institute on "Exotic Art." An architect of most brilliant talent, it is almost impossible to record the buildings with which (in conjunction with his partner, Mr. Wm. Martin) he has adorned our town. Among them are the new Free Libraries, the extension of the Midland Institute, the Hospitals for Women and Children, the many Board Schools, the Church of St. David, and that at Selly Hill the Rubery Asylum, the Fire Brigade Station, the Constitution Hill Library, Monument Lane Baths, the Chamberlain Memorial, the Canopy over Dawson's Statue, several Police Stations, with shops and private houses in-

numerable. He was a true artist in every sense of the word, an eloquent speaker, and one of the most sincere, thoughtful, and lovingly-earnest men that Birmingham has ever been blessed with.

Clegg.—Samuel Clegg was born at Manchester, March 2, 1781, but his early years were passed at the Soho Works, where he was assistant to Mr. Murdoch in the gradual introduction of lighting with gas. In 1807 Mr. Clegg first used lime as a purifier and in 1815 he patented the water meter. In addition to his many inventions connected with the manufacture and supply of gas, Mr. Clegg must be credited with the introduction of the atmospheric railways, which attracted so much attention some five-and-forty years ago, and also with many improvements in steam engines.

Collins.—Mr. John Collins, an exceedingly popular man in his day, and quite a local author, made his first appearance here Jan. 16, 1793, at "The Gentlemen's Private Theatre," in Livery Street, with an entertainment called "Collins' New Embellished Evening Brush, for Rubbing off the Rust of care." This became a great favourite, and we find Collins for years after, giving similar performances, many of them being for the purpose of paying for "soup for the poor" in the distressful winters of 1799, 1800, and 1801. Not so much, however, on account of his charity, or his unique entertainment, must Mr. Collins be ranked among local worthies, as for "A Poetical History of Birmingham" written (or rather partly written) by him, which was published in *Swinney's Chronicle*. Six chapters in verse appeared (Feb. 25 to April 7, 1796), when unfortunately the poet's muse seems to have failed him. As a sample of the fun contained in the seven or eight dozen verses, we quote the first—

"Of Birmingham's name, tho' a deal has been said,
Yet a little, we doubt, to the purpose,
As when "hocus pocus" was jargon'd instead
Of the Catholic text "*hoc est corpus*."

For it, doubtless, for ages was Bromwicham called,
But historians, their readers to bam,
Have Broom, Wich, and Ham so corrupted
and man'd,
That their strictures have all proved a dam.

That Brom implies Broom none will dare to deny,
And that Wich means a Village or Farm;
Or a Slope, or a Saltwork, the last may imply,
And to read Ham for Town is no harm.

But when jumbled together, like stones in a bag,
To make it a Broom-sloping town,
Credulity's pace at such juggling must flag,
And the critic indignant will frown.

Tis so much like the Gazetteer's riddle-my-ree,
Who, untwisting Antiquity's cable,
Makes Barnstaple's town with its name to agree,
Take its rise from a Barn and a Stable.

Collins' own comical notion gives the name as "Brimmingham," from the brimming goblets so freely quaffed by our local sons of Vulcan. Digbeth he makes out to be a "dug bath," or horsepond for the farriers; Deritend, from *der* (water).

"Took its name from the swamp where the hamlet was seated,
And imply'd 'twas the water-wet-end of the town."

Cox, David.—On the 29th of April, 1783, this great painter—the man whose works have made Birmingham famous in art—was born in a humble dwelling in Heath Mill Lane, Deritend, where his father carried on the trade of a smith. Some memorials of him we have—in the noble gift of a number of his pictures in oil, presented to the town by the late Mr. Joseph Nettlefold; in the portrait by Mr. J. Watson Gordon, and the bust by Mr. Peter Hollins; in the two biographies of him—both of them Birmingham

works—the earlier by Mr. Neal Solly, and the more recent one by the late Mr. William Hall; besides the memorial window put up by loving friends in the Parish Church of Harborne, where the latter part of the artist's life was passed, and in the churchyard of which his remains were laid. He bade his pictures and the world good-bye on the 9th of June, 1859. A sale of some of "dear old David's" works, in London, May, 1873, realised for the owners over £25,000, but what the artist himself originally had for them may be gathered from the instance of his "Lancaster Castle," otherwise known as "Peace and War," a harvest-field scene, with troops marching by, only 24in. by 18in. in size. This picture he gave to a friend at first, but bought it back for £20, at a time when his friend wanted cash; he sold it for the same amount, and it afterwards got into the possession of Joseph Gillott, the pen maker, at the sale of whose collection "Lancaster Castle" was knocked down for £3,601 10s. The highest price Cox ever received for a picture, and that on one single occasion only, was £100; in another case he had £95; his average prices for large pictures were rather under than over £50 a piece in his best days. "The Sea Shore at Rhyl," for which he received £100, has been since sold for £2,300; "The Vale of Clwyd," for which he accepted £95, brought £2,500. Two pictures for which he received £40 each in 1847, were sold in 1872 for £1,575 and £1,550 respectively. Two others at £40 each have sold since for £2,300 and £2,315 5s. respectively. His church at "Bettws-y-Coed" one of the finest of his paintings, fetched £2,500 at a sale in London, in March, 1884. In the hall of the Royal Oak Inn, Bettws-y-Coed (David's favourite place), there is fixed a famous signboard which Cox painted for the house in 1847, and which gave rise to considerable litigation as to its ownership being vested in the tenant

or the owner, the decision being in the latter's favour.

Cox, William Sands, F.R.S. and F.R.C.S., the son of a local surgeon, was born in 1801. After "walking the hospitals" in London and Paris, he settled here in 1825, being appointed surgeon to the Dispensary, and in 1828, with the co-operation of the late Doctors Johnstone and Booth, and other influential friends, succeeded in organising the Birmingham Royal School of Medicine and Surgery, which proved eminently successful until, by the munificent aid of the Rev. Dr. Warneford, it was converted into Queen's College by a charter of incorporation, which was granted in 1843. The Queen's Hospital was also founded mainly through the exertions of Mr. Sands Cox, for the education of the medical students of the College. In 1863 Mr. Cox retired from practice, and went to reside near Tamworth, afterwards removing to Leamington and Kenilworth, at which latter place he died, December 23rd, 1875. He was buried in the family vault at Aston, the coffin being carried to the grave by six old students at the College, funeral scarfs, hatbands, and "other such pieces of mummery" being dispensed with, according to the deceased's wish. He left many charitable legacies, among them being £15,000, to be dealt with in the following manner:—£3,000 to be applied in building and endowing a church then in course of erection at Balsall Heath, and to be known as St. Thomas-in-the-Moors, and the remaining £12,000 to be devoted to the erection and endowment of three dispensaries—one at Balsall Heath, one at Aston, and the other at Hockley. Two sums of £3,000 were left to found dispensaries at Tamworth and Kenilworth, and a cottage hospital at Moreton-in-the-Marsh his medical library and a number of other articles being also left for the last-named institution.

Davis, Dr. Birt.—By birth a Hamp-

shire man, by descent a Welshman, coming to Birmingham in 1823, Dr. Davies soon became a man of local note. As a politician in the pre-Reform days, as a physician of eminence, and as Borough Coroner for three dozen years, he occupied a prominent position, well justified by his capacity and force of character. He took an active part in the founding of the Birmingham School of Medicine, the forerunner of the Queen's College, and was elected one of the three first physicians to the Queen's Hospital, being its senior physician for sixteen years. When the Charter of Incorporation was granted, Dr. Davies was chosen by the Town Council as the first Coroner, which office he held until June 8th, 1875, when he resigned, having, as he wrote to the Council, on the 29th of May terminated his 36th year of office, and 76th year of his age. Though an ardent politician, it is from his Coronership that he will be remembered most, having held about 30,000 inquests in his long term of office, during the whole of which time, it has been said, he never took a holiday, appointed a deputy, or slept out of the borough. His official dignity sat heavily upon him, his temper of late years often led him into conflict with jurors and medical witnesses, but he was well respected by all who knew the quiet unpretending benevolence of his character, never better exhibited than at the time of the cholera panic in 1832. The doctor had established a Fever Hospital in Bath Row, and here he received and treated, by himself, the only cases of Asiatic cholera imported into the town. He died December 11th, 1878.

De Lys, Dr.—One of the physicians to the General Hospital, and the proposer of the Deaf and Dumb Institution. A native of Brittany, and one of several French refugees who settled here when driven from their own country, at the time of the Revolution, Dr. De Lys remained with us till his

death, August 24th, 1831, being then in his 48th year.

Digby, John, made Lord Digby in 1618, and Earl of Bristol in 1622, was born at Col-shill in 1580. He was sent Ambassador to Spain by James I. to negotiate a marriage between Prince Charles and the Infanta. He went abroad when the Civil War broke out, and died at Paris in 1653.

Edmonds.—George Edmonds, was a son of the Baptist minister of Bond Street Chapel, and was born in 1788. For many years after he grew up George kept a school, but afterwards devoted himself to the Law, and was appointed Clerk of the Peace on the incorporation of the borough. For taking part in what Government chose to consider an illegal meeting Mr. Edmonds had to suffer 12 months' imprisonment, but it only increased his popularity and made him recognised as leader of the Radical party. During the great Reform movements he was always to the fore, and there can be little doubt that it was to his untiring energy that the Political Union owed much of its success. In his later years he printed (partly with his own hands) one of the strangest works ever issued from the press, being nothing less than an alphabet, grammar, and dictionary of a new and universal language. On this he must have spent an immense amount of philosophical and philological research during the busiest years of his active life, but like other schemes of a similar character it came into the world some scores of generations too soon. His death took place (hastened by his own hand) July 1, 1863.

Everitt, Allen Edward.—Artist, antiquarian, and archæologist. It is reported that his portfolio contained more than a thousand sketches of his own taking, of old churches, mansions, cottages, or barns in the Midland Counties. Born here in 1824 Mr. Everitt had reached his 55th year before taking to himself a wife, whom he left a widow June 11, 1882, through catching a cold while on

a sketching tour. He was much loved in all artistic circles, having been (for twenty-four years) hon. sec. to the Society of Artists, a most zealous coadjutor of the Free Libraries Committee, and honorary curator of the Art Gallery; in private or public life he spoke ill of no man, nor could any speak of him with aught but affection and respect.

Fletcher, George.—Author of the "Provincialist" and other poems, a journeyman printer, and much respected for his genial character and honest kind-heartedness. Died Feb. 20, 1874, aged 64.

Fothergill, John.—Taken into partnership by Matthew Boulton in 1762, devoting himself principally to the foreign agencies. Many of the branches of trade in which he was connected proved failures, and he died insolvent in 1782, while Boulton breasted the storm, and secured fortune by means of his steam engines. He did not, however, forget his first partner's widow and children.

Fox, Charles Fox, of the firm of Fox, Henderson and Co., was born at Derby, March 11, 1810. His first connection with this town arose from his being engaged with Stephenson on the construction of the Birmingham and Liverpool line. He was knighted in 1851, in recognition of his wonderful skill as shown in the erection of the International Exhibition of that year, and we have a local monument to his fame in the roof which spans the New Street Station. He died in 1874, and was buried at Nunhead Cemetery, London. The firm of Fox, Henderson and Co., was originally Bramah and Fox, Mr. Henderson not coming in till the death of Mr. Bramah, a well-known ironmaster of this neighbourhood, and whose name is world-famous for his celebrated locks.

Geach.—Charles Geach was a Cornishman, born in 1808, and came to Birmingham in 1826 as one of the clerks in the Branch Bank of England, then opened. In 1836 he was instrumental

in the formation of two of our local banks, and became the manager of one of them, the Birmingham and Midland. In 1842 he made a fortunate speculation in the purchase of some extensive ironworks at Rotherham just previous to the days of "the railway mania." The profits on iron at that time were something wonderful; as a proof of which it has been stated that on one occasion Mr. Geach took orders for 30,000 tons at £12, the cost to him not being more than half that sum! The Patent Shaft Works may be said to have owed its origin also to this gentleman. Mr. Geach was chosen mayor for 1847, and in 1851 was returned to Parliament for Coventry. His death occurred Nov. 1, 1854. A full-length portrait hangs in the board-room of the bank, of which he retained the managing-directorship for many years.

Gem, Major Thomas Henry.—The well-known Clerk to the Magistrates, born May 21, 1819, was the pioneer of the Volunteer movement in this town, as well as the originator of the fashionable game of lawn tennis. A splendid horseman, and an adept at all manly games, he also ranked high as a dramatic author, and no amateur theatricals could be got through without his aid and presence. His death, November 4, 1881, resulted from an accident which occurred on June 25 previous, at the camp in Sutton Park.

Gillott.—Joseph Gillott was born at Sheffield in 1799, but through want of work found his way here in 1822, spending his last penny in refreshments at the old publichouse then standing at corner of Park Street, where the Museum Concert Hall exists. His first employment was buckle making, and being steady he soon took a garret in Broad Street and became his own master in the manufacture of buckles and other "steel toys." The merchant who used to buy of him said "Gillott made very excellent goods, and came for his money every week." It was that making of excellent goods and his un-

tiring perseverance that secured him success. His sweetheart was sister to William and John Mitchell, and it is questionable whether Gillott's first efforts at making steel pens did not spring from the knowledge he gained from her as to what the Mitchells were doing in that line. The Sheffield blade, however, was the first to bring the "press" into the process of making the pens, and that secret he must have kept pretty closely from all but his lass, as Mr. J. Gillott often told, in after life, how, on the morning of his marriage, he began and finished a gross of pens, and sold them for £7 4s. before they went to church. The accumulation of his fortune began from that day, the name of Gillott in a very few years being known the wide world over. The penmaker was a great patron of the artists, gathering a famous collection which at his death realised £170,000. His first interview with Turner was described in an American journal a few years back. Gillott having rudely pushed his way into the studio and turning the pictures about without the artist deigning to notice the intruder, tried to attract attention by asking the prices of three paintings. Turner carelessly answered "4,000 guineas," "£3,000," and "1,500 guineas." "I'll take the three," said Gillott. Then Turner rose, with "Who the devil are you to intrude here against my orders? You must be a queer sort of a beggar, I fancy." "You're another queer beggar" was the reply. "I am Gillott, the penmaker. My banker tells me you are clever, and I have come to buy some pictures." "By George!" quoth Turner, "you are a droll fellow, I must say." "You're another," said Gillott. "But do you really want to purchase those pictures," asked Turner. "Yes, in course I do, or I would not have climbed those blessed stairs this morning," was the answer. Turner marvelled at the man, and explained that he had fixed the prices named under the idea that he had only got an impertinent intruder to deal with, that

two of the pictures were already sold, but that his visitor could have the first for £1,000. "I'll take it," said the prince of penmakers, "and you must make me three or four more at your own price." If other artists did as well with Mr. Gillott they could have had but little cause of complaint. Another hobby of Mr. Gillott's was collecting fiddles, his specimens, of which he once said he had a "boat load," realising £4,000; while his cabinet of precious stones was of immense value. The millionaire died Jan. 5, 1872, leaving £3,000 to local charities.

Guest, James.—Originally a brass-founder, but imbued with the principles of Robert Owen, he became an active member of the Political Union and other "freedom-seeking" societies, and opened in Steelhouse Lane a shop for the sale of that kind of literature suited to ardent workers in the Radical cause. Mr. Guest believed that "all bad laws must be broken before they could be mended," and for years he followed out that idea so far as the taxes on knowledge were concerned. He was the first to sell unstamped papers here and in the Black Country, and, notwithstanding heavy fines, and even imprisonment, he kept to his principles as long as the law stood as it was. In 1830 he published Hutton "History of Birmingham" in cheap numbers, unfortunately mixing with it many chapters about the Political Union, the right of a Free Press, &c., in a confusing manner. The book, however, was very popular, and has been reprinted from the original stereoplates several times. Mr. Guest died Jan. 17, 1881, in his 78th year.

Hill, Rowland.—The originator of the present postal system, born at Kidderminster, December 3, 1795, coming to Birmingham with his parents when about seven years old. His father opened a school at the corner of Gough Street and Blucher Street, which was afterwards (in 1819) removed to the Hagley Road, where, as "Hazlewood School" it became more than locally

famous. In 1825 it was again removed, and further off, this time being taken to Bruce Castle, Tottenham, where the family yet resides. Rowland and his brother, Matthew Davenport Hill, afterwards Recorder of Birmingham, who took part in the management of the school, went with it, and personally Rowland Hill's connection with our town may be said to have ceased. Early in 1837 Mr. Hill published his proposed plans of Post Office reform, but which for a long time met with no favour from either of the great political parties, or in official quarters, where, it has been said, he was snubbed as a would-be interloper, and cursed as "a fellow from Birmingham coming to teach people their business"—

"All office doors were closed against him—hard

All office heads were closed against him too,

'He had but worked, like others, for reward,'

'The thing was all a dream.' 'It would not do.'

In 1839, more than 2,000 petitions were presented to Parliament in favour of Mr. Hill's plans, and eventually they were adopted and became law by the 3rd and 4th Vict., cap. 96. The new postage law by which the uniform rate of fourpence per letter was tried as an experiment, came into operation on the 5th of December, 1839, and on the 10th January, 1840, the reduced uniform rate of 1d. per letter of half-ounce weight was commenced. Under the new system the privilege of franking letters enjoyed by members of Parliament was abolished, facilities of prepayment were afforded by the introduction of postage stamps, double postage was levied on letters not prepaid, and arrangements were made for the registration of letters. Mr. Hill received an appointment in the Treasury, but in 1841, he was told his services were no longer required. This flagrant injustice caused great indignation, and a national testimonial of £15,000 was presented to him June 17, 1846. On a change of Government Mr. Hill was

appointed Secretary to the Postmaster General, and, in 1854, Secretary to the Post Office, a position which he retained until failing health caused him to resign in March, 1864, the Treasury awarding him for life his salary of £2,000 per year. In the same year he received a Parliamentary grant of £20,000, and in 1860, he was made a K.C.B., other honours from Oxford, &c., following. Sir Rowland was presented with the freedom of the City by the London Court of Common Council, June 6, 1879, the document being contained in a suitable gold casket. It was incidentally mentioned in the course of the proceedings, that at the time Sir Rowland Hill's system was inaugurated the annual amount of correspondence was 79 millions, or three letters per head of the population; while then it exceeded 1,000 millions of letters, 100 millions of post-cards, and 320 millions of newspapers, and the gross receipt in respect of it was £6,000,000 sterling. Sir Rowland Hill died Aug. 27, 1879, leaving but one son, "Pearson Hill," late of the Post Office.

Hollins, George—The first appointed organist of the Town Hall (in 1834), having been previously organist at St. Paul's, in the graveyard of which church he was buried in 1841, the funeral being attended by hundreds of friends, musicians, and singers of the town and neighbourhood.

Holt, Thomas Littleton.—A Press man, whose death (Sept. 14, 1879) at the age of 85, severed one of the very few remaining links connecting the journalism of the past with the present. It was to him that the late Mr. Dickens owed his introduction to Dr. Black, then the editor of the *Morning Chronicle*. Mr. Holt was proprietor of the *Iron Times*, which started during the railway mania. When his friend Leigh Hunt was imprisoned for libelling the Prince Regent, he was the first to visit him. He took an active part in popularising cheap literature, and it was greatly owing to him that the adver-

tisement duty was repealed. He also took an active part in the abolition of the paper duty. Besides starting many papers in London in the latter period of his life, he returned to his native town, Birmingham, where he started *Ryland's Iron Trade Circular*, to the success of which his writings largely contributed.

Humphreys, Henry Noel. — This eminent naturalist and archæologist's career closed in June, 1879. A son of the late Mr. James Humphreys, he was born in Birmingham in 1809, and was educated at the Grammar School here. He was the author of many interesting works connected with his zoological and antiquarian researches. Among the most important of the latter class may be specified:—"Illustrations of Froissart's Chronicles," "The Parables of our Lord Illustrated," "The Coins of England," "Ancient Coins and Medals," "The Illuminated Books of the Mediæval Period," the "Coin Collector's Manual," the "Coinage of the British Empire," "Stories by an Archæologist," and especially his *magna opus*, so to speak, "The Art of Illumination," and "The History of the Art of Writing from the Hieroglyphic Period down to the introduction of Alphabets."

James, William. — A Warwickshire engineer, born at Henley-in-Arden, June, 13, 1771. Mr James has been called the first projector of railways, as there was none started previous to his laying out a line from here to Wolverhampton, which was given up in favour of the Canal Companies. The wharves in Newhall Street were constructed on the site of his proposed railway station. He afterwards projected and surveyed many other lines including Birmingham to Manchester through Derbyshire, the Birmingham and London, &c. West Bromwich owes no little of its prosperity to this gentleman, who opened many collieries in its neighbourhood. At one time Mr. James was said to have been worth £150,000, besides £10,000 a year coming in from

his profession, but he lost nearly all before his death.

Jeffery. — George Edward Jeffery, who died Dec. 29th, 1877, aged 33, was a local writer who promised to make a name had he lived longer.

Johnstone, Dr. John, a distinguished local physician, was born at Worcester in 1768. Though he acquired a high reputation for his treatment of diseases, it was noticeable that he made a very sparing use of medicines. Died in 1836.

Johnstone, John, whose death was the result of being knocked down by a cab in Broad Street in Oct. 1875, was one of those all-round inventive characters who have done so much for the trades of this town. He was born in Dumfriesshire in 1801, and was apprenticed to a builder, coming to this town in 1823. He was soon noticed as the first architectural draughtsman of his day, but his genius was not confined to any one line. He was the first to introduce photographic vignettes, he invented the peculiar lamp used in railway carriages, he improved several agricultural implements, he could lay out plans for public buildings or a machine for making hooks and eyes, and many well-to-do families owe their rise in the world to acting on the ideas put before them by Mr. Johnstone. In the latter portion of his life he was engaged at the Cambridge Street Works as consultant in general.

Kempson, James. — In one of those gossiping accounts of the "Old Taverns" of Birmingham which "S.D.R." has written, mention is made of a little old man, dear to the musicians under the name of "Daddy Kempson," who appears to have been the originator of our Triennial Musical Festivals in 1768, and who conducted a performance at St. Paul's as late as the year 1821, he being then 80 years of age.

Küchler, C. H. — A medallist, for many years in the employ of Boulton, for whom he sunk the dies for part of

the copper coinage of 1797, &c. The 2d. piece is by him. He was buried in Handsworth Churchyard.

Lightfoot.—Lieut.-General Thomas Lightfoot, C.B., Colonel of the 62nd Regiment, who died at his residence, Barbourne House, Worcester, Nov. 15, 1858, in his 84th year, and who entered the British army very early in life, was the last surviving officer of the famous 45th, the "Fire-eaters" as they were called, that went to the Peninsula with Moore and left it with Wellington. Lightfoot was in Holland in 1799. He was present in almost every engagement of the Peninsular War. He received seven wounds; a ball which caused one of these remained in his body till his death. He obtained three gold and eleven silver medals, being one more than even those of his illustrious commander, the Duke of Wellington. One silver medal was given him by the Duke himself, who said on the occasion he was glad to so decorate one of the brave 45th. Lightfoot was made a C.B. in 1815. Before he became Major-General he was Aide-de-Camp to William IV. and Queen Victoria, and as such rode immediately before her Majesty in her coronation procession. Lieutenant-General Lightfoot was a native of this town, and was buried in the family vault in St. Bartholomew's Church, his remains being escorted to the tomb by the 4th (Queen's Own) Light Dragoons, commanded by Colonel Low.

Lloyd.—The founder of the well-known banking firm of Lloyds appears to have been Charles Lloyd, for some time a minister of the Society of Friends, who died in 1698.

Machin, William.—Born here in 1798, began his musical career (while apprenticed to papier-mâché making), as a member at the choir at Cannon Street Chapel. As a favourite bass singer he was engaged at many of the festivals from 1834 to that of 1849. His death occurred in September, 1870.

Malins, David.—Brassfounder, who in course of his life filled several of the chief offices of our local governing bodies. Born June 5, 1803; died December, 1881. Antiquarian and persevering collector of all works throwing light upon or having connection with Birmingham or Warwickshire history. Mr. Malins, after the burning of the Free Library, generously gave the whole of his collection to the formation of the New Reference Library, many of the books being most rare and valuable, and of some of which no other copies are known to exist.

Mellon, Alfred.—Though actually born in London, Mr. Mellon's parents (his father was a Frenchman) were residents in Birmingham, and we must claim this popular conductor as a local musician of note. He was only twelve when he joined the Theatre Royal band, but at sixteen he was the leader and remained so for eight years, removing to London in 1844. In 1856 Mr. Mellon conducted the opening performances at the Music Hall in Broad Street (now Prince of Wales's Theatre): and will be long remembered for the "Promenade Concerts" he gave at Covent Garden and in the provinces. He died from the breaking of a blood-vessel, March 27, 1867.

Mogridge, George, born at Ashted Feb. 17th, 1787, and brought up as a japanner, was the original "Old Humphrey" of our childhood's days, the author of "Grandfather Grey," "Old Humphrey's Walks in London," "Old Humphrey's Country Strolls," and other juvenile works, of which many millions of copies have been sold in England, America, and the Colonies. "Peter Parley's Tales" have been also ascribed to our townsman, who died Nov. 2, 1854.

Munden, T.—In the year 1818, Mr. Munden (born in London in 1798) came to this town as organist of Christ Church, and was also chosen as teacher of the Oratorio Choral Society, and to this day it may be said that the repu-

tation of our Festival Choir is mostly based on the instruction given by him during his long residence among us. From 1823 till 1849 Mr. Munden acted as Assistant-conductor at the Festivals, retiring from public life in 1853.

Muntz.—The Revolution in 1792 drove the Muntz family to emigrate from their aristocratic abode in France, and a younger son came to this town, where he married a Miss Purden, and established himself in business. From this alliance sprung our race of the Muntzes. George Frederic, the eldest, was born in November, 1794, and losing his father in early life, was head of the family in his 18th year. He devoted himself for many years, and with great success, to mercantile affairs, but his most fortunate undertaking, and which has made his name known all over the world, was the manufacture of sheathing metal for ships bottoms. It has been doubted whether he did any more than revive another man's lapsed patent, but it has never been questioned that he made a vast sum of money out of the "yellow metal." In politics, G.F.M. took a very active part, even before the formation of the Political Union in 1830, and for many years he was the idol of his fellow-townsmen. He was elected M.P. for Birmingham, in January, 1840, and held the seat till the day of his death, which took place July 30, 1857. His name will be found on many a page of our local history, even though a statue of him is not yet posed on a pedestal.

Murdoch, William.—Born at Bellow Mill, near Old Cumnock, Ayrshire, in 1750, and brought up as a millwright, came here in search of work in 1777. He was employed by Boulton at 15s. per week for the first two years, but he soon became the most trusted of all the many engaged at Soho, and never left there though offered £1,000 a year to do so. The first steam engine applied to drawing carriages was constructed by him in the shape of a model which ran round a room in his house at Red-

ruth in 1784, and which is still in existence. As an inventor, he was second only to Watt, his introduction of gas lighting being almost equal to that of the steam engine. He lived to be 85, dying November 15, 1839, at his residence, Sycamore Hill, Handsworth. His remains lie near those of his loved employers, Boulton and Watt, in the parish church.

Pettitt.—Mr. Joseph Pettitt, who died Sept. 9, 1882, in his 70th year, was a local artist of note, a member of the Society of Artists, and for many years a regular exhibitor at the Royal Academy, our local, and other exhibitions. In his younger years Mr. Pettitt was employed in the papier-mâché trade, a business peculiarly suited to persons gifted with artistic faculties. His earliest specimens of landscape attracted attention, and Mr. Joseph Gillott commissioned the painter to furnish a number of Swiss views for the collection of pictures he had begun to gather. Mr. Pettitt pleased the penmaker, and soon made a name for himself, his works being characterised by fine colour and broad vigorous handling.

Phillips, Alderman, died Feb. 25, 1876. A member of the first Town Council, and Mayor in 1844. Mr. Phillips long took active part in municipal matters, and was the founder of the Licensed Victuallers' Asylum.

Pickard, James.—A Birmingham button maker, who patented, Aug. 23, 1780, the use of the crank in the steam engine to procure rotary motion. He is supposed to have got the idea from overhearing the conversation of some Soho workmen while at their cups. The first engine in which it was used (and the fly-wheel) was for a manufacturer in Snow Hill, and was put up by Matthew Washborough, of Bristol.

Plant.—Mr. T. L. Plant, who died very suddenly in a railway carriage in which he was coming into town on the morning of August 31, 1883, came to Birmingham in 1840. As a meteorologist, who for more than forty years had

kept close record of wind and weather, he was well known; his letters to the newspapers on this and kindred subjects were always interesting, and the part he took in advanced sanitary questions gained him the friendship of all. Mr. Plant was a native of Yorkshire, and was in his 61th year at the time of his death.

Playfair, William (brother of the eminent Scotch mathematician) was engaged as a draughtsman at the Soho Works, after serving apprenticeship as a millwright. He patented various inventions, and was well known as a political writer, &c. Born, 1759; died, 1823.

Postgate, John.—This name should be honoured in every household for a life's exertion in the obtaining of purity in what we eat and drink. Beginning life as a grocer's boy, he saw the most gross adulteration carried on in all the varieties of articles sold by his employers, and afterwards being with a medical firm, he studied chemistry, and devoted his life to analysing food and drugs. Coming to this town in 1851, he obtained the assistance of Mr. Wm. Scholfield, by whose means the first Parliamentary Committee of Enquiry was appointed; the revelations were astounding, but it was not till 1875 that anything like a stringent Act was passed whereby the adulterators could be properly punished. The author of this great national benefit was allowed to die almost in poverty, uncared for by his countrymen at large, or by his adopted townsmen of Birmingham. Born October 21, 1820, Mr. Postgate died in July, 1881.

Ragg, Rev. Thomas.—Once a bookseller and printer, editor and publisher of the *Birmingham Advertiser*, and author of several works, one of which secured for him the goodwill of the Bishop of Rochester, who ordained him a minister of the Established Church in 1858. He died December 3rd, 1881, in his 74th year, at Lawley, Salop, having been perpetual curate

thereof from 1865. His parishioners and friends subscribed for a memorial window, and a fund of a little over £200 was raised for the benefit of the widow, but a very small part thereof went from Birmingham.

Ratcliffe.—Mr. John Ratcliffe, who had in past years been a Town Commissioner, a Low Bailiff, a Town Councillor, and Alderman, was chosen as Mayor in 1856, and, being popular as well as wealthy, got reappointed yearly until 1859. In the first-named year, H.R.H. the Duke of Cambridge was the Mayor's guest when he came to open Calthorpe Park. When the Princess Royal was married, in 1858, the Mayor celebrated the auspicious event by giving a dinner to more than a thousand poor people, and he headed the deputation which was sent from here to present England's royal daughter with some articles of Birmingham manufacture. On the occasion of the Queen's visit to open Aston Park, Mr. Mayor received the honour of Knighthood, and became Sir John, dying in 1864, in his 67th year.

Rennie, John.—The celebrated engineer and architect, who built Waterloo and Southwark Bridges, Plymouth Breakwater, &c., was for a short time in the employ of Boulton and Watt.

Roebuck, Dr. John, grandfather of the late John Arthur Roebuck, M.P. was born at Sheffield in 1718; came to Birmingham in 1745. He introduced better methods of refining gold and silver, originated more economical styles of manufacturing the chemicals used in trade (especially oil of vitriol), and revived the use of pit coal in smelting iron. After leaving this town he started the Carron Iron-works on the Clyde, and in 1768 joined James Watt in bringing out the latter's steam engine. Some mining investments failed before the engine was perfected, and his interest thereon was transferred to Mr. Boulton, the doctor dying in 1794 a poor man.

Rogers.—John Rogers, one of "the glorious army of martyrs," was burnt

at Smithfield (London) on February 4. 1555. He was born in Deritend about the year 1500, and assisted in the translation and printing of the Bible into English. He was one of the Prebendaries of St. Paul's, London, but after Queen Mary came to the throne he gave offence by preaching against idolatry and superstition, and was kept imprisoned for eighteen months prior to condemnation and execution, being the first martyr of the Reformation. He left a wife and eleven children. See "*Statutes and Memorials*."

Russell.—William Congrevo Russell, Esq., J.P., and in 1832 elected M.P. for East Worcestershire, who died Nov. 30, 1850, aged 72, was the last of a family whose seat was at Moor Green for many generations.

Ryall, Dr. John.—The first headmaster of the Edgbaston Proprietary School, which opened under his superintendence in January, 1838, his connection therewith continuing till Christmas, 1846. He was a man of great learning, with a remarkable command of language, and a singularly accurate writer. Born March 11, 1806, his intellectual acquirements expanded so rapidly that at sixteen he was able to support himself, and, passing with the highest honours, he had taken his degree and accepted the head mastership of Truro Grammar School before his 21st birthday. For the last 30 years of his life he filled the post of Vice-President of Queen's College, Cork, departing to a better sphere June 21, 1875.

Ryland, Arthur.—Descendant of a locally long-honoured family this gentleman, a lawyer, added considerably to the prestige of the name by the prominent position he took in every work leading to the advancement of his townsmen, social, moral, and political. Connected with almost every institution in the borough, many of which he aided to establish or develop. Mr. Ryland's name is placed foremost among the founders of the Birmingham and Midland Institute, the Art Gallery, the public Libraries, the Hospitals for

Women and Children, the Sanatorium, &c., while he was one of the greatest friends to the Volunteer movement and the adoption of the School Board's system of education. During life he was appointed to all the leading offices of citizenship, in addition to being chosen President of the Law Society and other bodies. He died at Cannes, March 23, 1877, in his 70th year.

Scholefield, William.—Son of Joshua Scholefield, was chosen as the first Mayor after the incorporation, having previously been the High Bailiff of the Court Leet. In 1847 he was elected M.P., holding that office through five Parliaments and until his death July 9, 1867 (in his 58th year). In the House, as well as in his private life and business circles, he was much esteemed for the honest fixity of purpose which characterised all his life.

Shaw, Charles, commonly known as "Charley" Shaw, was a large manufacturing merchant, and held high position as a moneyed man for many years down to his death. He was as hard as a nail, rough as a bear, and many funny tales have been told about him, but he is worth a place in local history, if only for the fact that it was principally through his exertions that the great monetary panic of 1837 was prevented from becoming almost a national collapse.

Sherlock.—Though not to be counted exactly as one of our Birmingham men, Thomas Sherlock, Bishop of London, who purchased the manor estates in or about 1730, must have a place among the "noteworthies." Hutton states that when the Bishop made his bargain the estate brought in about £100 per annum, but that in another thirty years or so it had increased to twice the value. The historian goes on to say that "the pious old Bishop was frequently solicited to grant building leases, but answered, 'his land was valuable, and if built upon, his successor, at the expiration of the term, would have the rubbish to carry off;' he therefore not only refused, but prohibited his successor from granting

such leases. But Sir Thomas Gooch, who succeeded him, seeing the great improvement of the neighbouring estates, and wisely judging fifty pounds per acre preferable to five, procured an Act in about 1766, to set aside the prohibiting clause in the Bishop's will. Since which, a considerable town may be said to have been erected upon his property, now (1787) about £2,400 per annum." Bishop and historian alike, would be a little astonished at the present value of the property, could they see it.

Small, Dr. William.—A friend of Boulton, Watt, and Priestley, and one of the famous Lunar Society, born in county Angus, Scotland, in 1734, dying here in 1778. A physician of most extensive knowledge, during a residence in America he filled the chair of Professor of Natural Philosophy at the University of Williamsburg, Virginia. In the beautiful pleasure grounds of Soho House, when Matthew Boulton lived, there was an urn inscribed to the memory of Dr. Small, on which appeared some impressive lines written by Dr. Darwin, of Derby :—

"Here, while no titled dust, no sainted bone,

No lover weeping over beauty's bier,
No warrior frowning in historic stone,
Extorts your praises, or requests your
tear ;

Cold Contemplation leans her aching head,
On human woe her steady eye she
turns,

Waves her meek hand, and sighs for Science
dead,

For Science, Virtue, and for SMALL she
mourns."

Smith.—Mr. Brooke Smith (of the well-known firm of Martineau and Smith), a valued supporter of Penn Street and Dale Street Industrial Schools, the Graham Street Charity, and other institutions connected with the welfare of the young, died in April, 1876, in his 78th year. A Liberal in every way, the sound common sense of Mr. Brooke Smith, who was noted for an unvarying courtesy to all parties and creeds, kept him from taking any active share in local politics where

urbanity and kindness is heavily discounted.

Sturge, Joseph.—Born August 2, 1793, at Alberton, a village on the Severn, was intended for a farmer, but commenced trading as a cornfactor at Bewdley, in 1814, his brother Charles joining him in 1822, in which year they also came to Birmingham. Mr. Sturge was chosen a Town Commissioner, but resigned in 1830, being opposed to the use of the Town Hall being granted for oratorios. He was one of the directors of the London and Birmingham Railway when it was opened in 1836, but objecting to the running of Sunday trains, withdrew from this board. In 1838 he was elected Alderman for St. Thomas's Ward, but would not subscribe to the required declaration respecting the Established religion. At a very early date he took an active part in the Anti-slavery movement, and his visit to the West Indies and subsequent reports thereon had much to do with hastening the abolition of slavery. When the working-classes were struggling for electoral freedom and "the Charter," Mr. Sturge was one of the few found willing to help them, though his peace-loving disposition failed to induce them to give up the idea of "forcing" their rights. Having a wish to take part in the making of the laws, he issued an address to the electors of Birmingham in 1840, but was induced to retire ; in August, 1842, he contested Nottingham, receiving 1,801 votes against his opponent's 1885 ; in 1844 he put up for Birmingham, but only 364 votes were given him ; and he again failed at Leeds in 1847, though he polled 1,976 voters. In 1850 he visited Schleswig-Holstein and Denmark, and in February, 1854, St. Petersburg, each time in hopes of doing something to prevent the wars then commencing, but failure did not keep him from Finland in 1856 with relief for the sufferers. In 1851 he took a house in Ryland Road and fitted it up as a reformatory, which afterwards led to the establishment at

Stoke Prior. Mr. Sturge died on May 14, 1859, and was buried on the 20th in Bull Street. His character needs no comment, for he was a Christian in his walk as well as in his talk.

Taylor, John.—Died in 1775, aged 64, leaving a fortune of over £200,000, acquired in the manufacture of metal buttons, japanned ware, snuff boxes, &c. It is stated that he sent out £800 worth of buttons weekly, and that one of his workmen earned 70s. per week by painting snuff boxes at 3d. each. Mr. Taylor must have had a monopoly in the latter, for this one hand at the rate named must have decorated some 170,000 boxes per annum.

Tomlins.—Samuel Boulton Tomlins, the son of a local iron merchant (who was one of the founders of the Birmingham Exchange) and Mary Harvey Boulton (a near relative to Matthew) was born September 28, 1797, at Park House, in Park Street, then a vine-covered residence surrounded by gardens. His mother was so great a favourite with Baskerville that the celebrated printer gave her one of two specially-printed Bibles, retaining the other for himself. After serving an apprenticeship to a bookseller, Mr. Tomlins was taken into Lloyd's Bank as a clerk, but was soon promoted to be manager of the branch then at Stockport, but which was taken over afterwards by a Manchester Banking Company, with whom Mr. Tomlins stayed until 1873, dying September 8, 1879.

Ulwin.—Though nearly last in our list, Ulwin, or Alwyne, the son of Wigod, and the grandson of Woolgeat, the Danish Earl of Warwick, must rank first among our noteworthy men, if only from the fact that his name is absolutely the first found in historical records as having anything to do with Birmingham. This was in King Edward the Confessor's time, when Alwyne was Sheriff (*vice-comes*) and through his son Turchill, who came to be Earl of Warwick, the Ardens and

the Bracebridges trace their descent from the old Saxon kings, Alwyne's mother being sister to Leofric, III., Earl of Mercia. Whether Alwyne thrived on his unearned increment or not, the politicians of the time have not told us, but the possessions that came to him by the Dano-Saxon marriage of his parents seems to have been rather extensive, as it is written that he owned not only the manor of Birmingham, but also Halesowen, Escelie, Hagley, and Swinford in Wirecescire (Worcestershire), Great Barr, Handsworth, Penn, Rushall and Walsall, in Staffordshire, as well as Aston, Witton, Erdington, and Edgbaston. The modern name of Allen is deducible from Alwyne, and the bearers thereof, if so inclined, may thus be enabled to also claim a kingly descent, and much good may it do them.

Underwood, Thomas.—The first printer to introduce the art of lithography into Birmingham, and he is also credited with being the discoverer of chromo-litho, and the first to publish coloured almanacks and calendars. He did much to foster the taste for art, but will probably be most generally recollected by the number of views of old Birmingham and reproductions of pictures and maps of local interest that he published. Mr. Underwood died March 14, 1882, in his 73rd year.

Van Wart.—Henry Van Wart, was born near New York, Sept. 25, 1783, and took up his abode with us in 1808. By birth an American, by descent a Dutchman, he became a Brum through being naturalised by special Act of Parliament, and for nearly seventy years was one of our principal merchants. He was also one of the first Aldermen chosen for the borough. Died Feb. 15, 1873, in his 90th year.

Ward.—Honable Ward, son of Charles I.'s jeweller, who married the daughter of the Earl of Dudley, was created Baron Ward of Birmingham. Their son Edward thus came to the title of Lord Dudley and Ward in 1697.

Warren.—Thomas Warren was a well-known local bookseller of the last century. He joined Wyatt and Paul in their endeavours to establish the Cotton Spinning Mill, putting £1,000 into the speculation, which unfortunately landed him in bankruptcy. He afterwards became an auctioneer, and in 1788 had the pleasure of selling the machinery of the mill in which forty years previous his money had been lost.

Watt, James, was born at Greenock, Jan. 19, 1736, and (if we are to credit the somewhat apocryphal anecdote of his testing the power of steam as it issued from his aunt's teakettle when a little lad barely breeched) at an early age he gave evidence of what sort of a man he would be. In such a condensed work as the present book, it is impossible to give much of the life of this celebrated genius; but fortunately there are many biographies of him to which the student can refer, as well as scientific and other tomes, in which his manifold inventions have been recorded, and in no corner of the earth where the steam-engine has been introduced can his name be unknown. After many years' labour to bring the new motive power into practical use, Watt, helped by his friend Dr. Roebuck, took out his first patent in 1769. Roebuck's share was transferred to Matthew Boulton in 1773, and in the following year James Watt came to Birmingham. An Act of Parliament prolonging the patent for a term of twenty-four years was obtained in May, 1775, and on the first of June was commenced the world-famous partnership of Boulton and Watt. Up to this date the only engine made to work was the one brought by Watt from Scotland, though more than nine years had been spent on it, and thousands of pounds expended in experiments, improvements, and alterations. Watt's first residence here was in Regent's Place, Harper's Hill, to which (Aug. 17, 1775) he brought his second wife. He afterwards removed to Heathfield,

where the workshop in which he occupied his latest years still remains, as on the day of his death. In 1785, he was elected a Fellow of the Royal Society; in 1806, the University of Glasgow conferred the degree of LL.D. upon him, and in 1808 he was elected a member of the National Institute of France. One of the latest inventions of James Watt was a machine for the mechanical copying of sculpture and statuary, its production being the amusement of his octogenarian years, for, like his partner Boulton, Watt was permitted to stay on the earth for longer than the so-called allotted term, his death taking place on the 19th of August, 1819, when he was in his 83rd year. He was buried in Handsworth Church, where there is a monument, the features of which are said to be very like him. A statue was erected to his memory in Westminster Abbey in 1824, and others have been set up in Birmingham, Manchester, Greenock, and Glasgow. The following is the inscription (written by Lord Brougham) on the tomb of Watt in Westminster Abbey, towards the cost of which George IV. contributed £500:—

"Not to perpetuate a name which must endure while the peaceful arts flourish, but to show that mankind have learned to honour those who best deserve their gratitude, the King, his ministers, and many of the nobles and commoners of the realm, raised this monument to JAMES WATT, who, directing the force of an original genius, early exercised in philosophical research, to the improvement of the steam-engine, enlarged the resources of his country, increased the power of man, and rose to an eminent place among the most illustrious followers of science and the real benefactors of the world. Born at Greenock, 1736; died at Heathfield, in Staffordshire, 1819."

One of James Watt's sons, Gregory, who devoted himself to science and literature, died in 1804, at the early age of 27. James, born Feb. 5, 1769, resided for a number of years at Aston Hall, where he died in 1848. In 1817 he voyaged to Holland in the first steam vessel that left an English port, the engines having been

manufactured at Soho. He was of a very retiring disposition, and not particularly popular with the public, though valued and appreciated by those admitted to closer intimacy.

West.—Though he did not come to Birmingham until close upon sixty years of age, being born in 1770, William West, in his "History of Warwickshire," published one of the best descriptions of this town ever yet prepared. He had establishments in London and Cork, and was the author of several amusing and interesting works, such as "Tavern Anecdotes," "Fifty Years' Recollections of an Old Bookseller," &c., now scarce, though "West's Warwickshire" may often be met with at the "Chancer's Head," and other old bookshops.

Williams. Fleetwood, who died in 1836, at the early age of 29, was the author of sundry locally interesting prose works and poetical "skits." He was connected with several debating clubs, and showed talent that promised future distinction.

Willmore.—James Tibbets Willmore, a native of Handsworth, was an eminent landscape engraver, famed for his reproductions of Turner's works. His death occurred in March, 1863, in his 63rd year.

Winfield.—Mr. Robert Walter Winfield, though he took comparatively little part in the public life of our town, deserves a prominent place among our men of note as a manufacturer who did much towards securing Birmingham a somewhat better name than has occasionally been given it, in respect to the quality of the work sent out. Starting early in life, in the military ornament line, Mr. Winfield began in a somewhat small way on the site of the present extensive block of buildings known as Cambridge Street Works, which has now developed into an establishment covering several acres of land. Here have been manufactured some of the choicest specimens of brass foundry work that could be desired, no expense

being spared at any time in the procuring of the best patterns, and which is of almost equal importance) the employment of the best workmen. The goods sent from Cambridge Street to the first Great Exhibition, 1851, obtained the highest award, the Council's Gold Medal, for excellence of workmanship, beauty of design and general treatment, and the house retains its position. Mr. Winfield was a true man, Conservative in politics, but most truly liberal in all matters connected with his work-people and their families. In the education and advancement of the younger hands he took the deepest interest, spending thousands in the erection of schools and the appointment of teachers for them, and not a few of our present leading men have to thank him for their first step in life. The death of his only son, Mr. J. F. Winfield, in 1861, was a great blow to the father, and caused him to retire from active business through failing health. His death (Dec. 16, 1869), was generally felt as a loss to the town.

Wyatt.—John Wyatt, one of Birmingham's most ingenious sons, invented (in 1738) the spinning of cotton by means of rollers, but unlike Richard Arkwright, who afterwards introduced a more perfect machine and made a fortune, the process was never other than a source of loss to the original inventor and his partners, who vainly tried to make it a staple manufacture of the town. The weighing machine was also the work of Wyatt's brain, though he did not live to see the machine in use, dying Nov. 29, 1766, broken down by misfortune, but honoured by such men as Baskerville and Boulton who, then rising themselves, knew the worth of the man whose loss they deplored. Wyatt's grave is on the Blue Coat School side of St. Philip's churchyard.

Wyon.—A celebrated local family of die-sinkers and medalists. William Wyon (born in 1795) receiving the gold medal of the Society of Arts, for

his medal of Ceres, obtained in 1816 the post of second engraver at the Mint, his cousin, Thomas Wyon, being then the chief. One of the finest medals engraved by him was that of Boulton, struck by Thomason, in high relief, and 4in. in diameter. He died in 1851, having produced all the coins and medals for Queen Victoria and William IV., part of George IV.'s, and prize medals for many societies. His son, Leonard Wyon, produced the Exhibition medals in 1851.

The preceding are really but a few of the men of note whose connection with Birmingham has been of historical interest, and the catalogue might be extended to great length with the names of the De Birmingham's, the Smalbrokes, Middlemores, Colmores, and others of the old families alone. Scores of pages would not suffice to give even the shortest biographies of the many who, by their inventive genius and persistent labour, placed our town at the head of the world's workshops, the assistants and followers of the great men of Soho, the Thomasons, Taylors, and others living in the early part of the century, or the Elkingtons, Chances, &c., of later days. A volume might easily be filled with lives of scientific and literary men of the past, Hutton the historian, Morfitt, poet and barrister; Beilby, Hodgetts, Hudson, and other bookmen, to say naught of the many Press writers (who in their day added not a little to the advancement of their fellow-townsmen), or the venerable doctors, the school teachers and scholars, the pastors and masters of the old School and the old Hospital. Mention is made of a few here and there in this book; of others there have been special histories published, and, perchance some day "*Birmingham men*" will form the title of a more comprehensive work.

Novel Sight.—The appearance in the streets of Birmingham of a real war vessel would be a wonderful thing even in these days of railways and steam. Sir Rowland Hill, speaking of

his childhood's days, said he could recollect once during the war with Napoleon that a French gunboat was dragged across the country, and shown in Birmingham at a small charge. He had never then seen any vessel bigger than a coal barge, but this was a real ship, with real anchor and real ship guns.

Numbering of Houses.—We are rapidly improving in many ways, and the gradual introduction of the system of alternate numbering, the odd numbers on one side of the street, and the evens on the other, is an advance in the right direction. Still, the fixing of the diminutive figure plate on the sideposts of a door, or, as is frequently found to be the case, in the shadow of a porch, is very tantalising, especially to the stranger. Householders should see that the No. is placed in a conspicuous spot, and have the figures painted so that they can be well seen even on a dusky evening.

Nunneries.— See "*Religious Associations.*"

Nurseries.—The outskirts, and indeed many parts of the town, less than a century back were studded with gardens, but the flowers have had to give place to the more prosaic bricks and mortar, and householders desirous of floral ornaments have now in a great measure to resort to the nursery grounds of the professed horticulturists. Foremost among the nurseries of the neighbourhood are those of Mr. R. H. Vertegms, Chad Valley, Elgbaston which were laid out some thirty-five years ago. The same gentleman has another establishment of even older date at Malvern, and a third at Metchley. The grounds of Messrs. Pope and Sons, at King's Norton, are also extensive and worthy of a visit. There are other nurseries at Solihull (Mr. Hewitt's), at Spark hill (Mr. Tomkins'), at Handsworth (Mr. Southall's), and in several other parts of the suburbs. The *Gardeners' Chronicle*, the editor of which is supposed to be

a good judge, said that the floral arrangements at the opening of the Mason Science College surpassed anything of the kind ever seen in Birmingham, Mr. Vertegans having supplied not less than thirty van loads, comprising over 5,000 of the choicest exotic flowers and evergreens.

Oak Leaf Day.—In the adjoining counties, and to a certain extent in Birmingham itself, it has been the custom for carters and coachmen to decorate their horses' heads and their own hats with sprays of oak leaves on the 29th of May, and 99 out of the 100 would tell you they did so to commemorate Charles II. hiding in the oak tree near to Boscobel House. It is curious to note how long an erroneous idea will last. The hunted King would not have found much shelter in his historical oak in the month of May, as the trees would hardly have been sufficiently in leaf to have screened him, and, as it happened, it was the 4th of September and not the 29th of May when the event occurred. The popular mistake is supposed to have arisen from the fact that Charles made his public entry into London on May 29, which was also his birthday, when the Royalists decked themselves with oak in remembrance of that tree having been instrumental in the King's restoration.

Obsolete Street Names.—Town improvements of one sort and another have necessitated the entire clearance of many streets whose names may be found inscribed on the old maps, and their very sites will in time be forgotten. Changes in name have also occurred more frequently perhaps than may be imagined, and it will be well to note a few. As will be seen, several streets have been christened and rechristened more than once. Baskerville-street is now Easy-row. Bath-road is Bristol-street. Beast Market was that part of High-street contiguous to New-street; also called English Market.

Bewdley-street, afterwards Ann-street, now Colmore-row.

Birch Hole-street has been improved to Birchall street.

Black Boy Yard is now Jamaica-row.

Brick Kiln lane is the Horse Fair.

Broad-street—Dale End was so called in the 15th century.

Buckle-row. Between Silver-steet and Thomas-street.

Button Alley—Bishop-street, Mass-house-lane.

Butts-lane—Tanter-street; The Butts being Stafford-street.

Catherine-street—Whittal-street.

Cawsey (The Causeway)—Lower part of Digbeth.

Chapel-street—Bull-street was so called in the 14th century.

Chappel-row—Jennens'-row and Buck-street.

Charles or Little Charles-street—Now part of New Edmund-street.

Cock-street—Upper part of Digbeth; also called Well-street.

Colmore-street—From Worcester-street to Peck-lane.

Cony Greve street is now Congreve-street.

Cooper's Mill-lane is Heathmill-lane.

Corbett's Alley—Union-street.

Corn Cheaping or Corn Market was part of the Bull Ring.

Court-lane—Moat-lane.

Cottage-lane—Sheepcote-lane.

Crescent-street—Part of King Edward's Road.

Cross-street—Vauxhall-street.

Crown-street, afterwards Nelson-street is now Sheepcote-street.

Deadman's Lane—Warstone-lane.

Ditch—The Gullet was The Ditch.

Dock Alley—New Inkleys.

Dudwall-lane—Dudley-street

Farmer-street—Sand-street.

Ferney Fields—Great Hampton-street

Peck-lane or Peck-lane—Covered by New-street Station.

God's Cart-lane—Carrs-lane.

Grindstone-lane—Westfield-road.

Hangman's-lane, or Hay Barns-lane—Great Hampton-row.

Harlow-street—Edmund-street.

Haymarket—one of the names given to Ann-street.

High Town—Upper part of Bull Ring.

Hill-street—Little Charles-street.

Jennings-street—Fox-street.

King-street and Queen-street, as well as Great Queen-street, have made way for New-street Station.

Lake Meadow-hill—Bordeley-street and Fazeley street.

Lamb-yard—Crooked-lane.

Long-lane—Harborne-road.

Ludgate-hill was part of Church-street.

Martin-street—Victoria-street.

Mercer-street, or Spicer-street—Spiceal-street.

Mount Pleasant—Ann-street.

New Road—Summer-row.

Old Meeting-street has at various periods been known as Grub-street, Littleworth street, New-row, and Phillips street.

Pemberton's-yard, Lower Minories, or Coach-yard—Dalton-street.

Pitt-street and Porter-street were portions of Old Cross-street.

Priors Conigree-lane, or Whitealls-lane is now Steelhouse-lane.

Priory-lane—Monmouth-street.

Rother Market—New-street next to High-street and High-street next to New-street was once so called.

Sandy-lane—Snow Hill in the 16th century. Lee Bank-road has also been called Sandy-lane.

Shambles—Part of Bull Ring.

Swan Alley—Worcester-street.

Swinford-street—Upper end of New-street.

Temple Alley, also called Tory-row—Temple-row.

Walmer-lane (in the 15th century Wold Moors)—Lancaster-street.

Water-street—Floodgate-street.

Welch End or Welch Market—Junction of Bull-street, High-street, and Dale End.

Westley's-row, Westley-street, or London, 'Prentice-street forms part of Dalton-street.

Withering-street—Union-street.

Wyllattes Green—Prospect Row.

Old Cock Pump.—This was the old pump formerly under St. Martin's Churchyard wall, from which the water-carriers and others obtained their supply of drinking water. The rule of the pump was "last come last served," and frequently a long string of men, women, and children might be seen waiting their turn. Many of us can recollect the old Digbeth men, with their shoulder-yoke and two buckets, plodding along to find customers for their "Wartâ;" and certain elderly ladies are still in existence who would fear the shortening of their lives were their tea-kettles filled with aught but the pure Digbeth water, though it does not come from the pump at St. Martin's, for that was removed in 1873. It has been written that on one occasion (in the days before waterworks were practicable, and the old pump was a real blessing), when the poor folks came to fill their cans early in the morning, they found the handle gone, and great was the outcry thereat. It soon afterwards transpired that a blacksmith, short of iron, had taken the handle to make into horseshoes.

Old Meeting House Yard.—The name gives its own origin. One of the earliest built of our Dissenting places of worship was here situated.

Old Square.—There are grounds for believing that this was the site of the Hospital or Priory of St. Thomas the Apostle; the reason of no foundations or relics of that building having been come across arising from its having been erected on a knoll or mount there, and which would be the highest bit of land in Birmingham. This opinion is borne out by the fact that the Square was originally called The Priory, and doubtless the Upper and Lower Priors and the Minories of later years were at first but the entrance roads to the old Hospital, as it was most frequently styled in deeds and documents. Mr. John Pemberton, who purchased this portion of the Priory lands in 1697, and laid it out for building, would

naturally have it levelled, and, not unlikely from a reverent feeling, so planned that the old site of the religious houses should remain clear and undecorated. From old conveyances we find that 20s. per yard frontage was paid for the site of some of the houses in the square, and up to 40s. in Bull Street; the back plots, including the Friends' burial ground (once gardens to the front houses) being valued at 1s. to 2s. per yard. Some of the covenants between the vendor and the purchasers are very curious, such as that the latter "shall and will for ever hereafter putt and keep good bars of iron or wood, or otherwise secure all the lights and windows that are or shall be, that see any children or others may not or cannot creep through, gett, or come through such lights or windows into or upon the same piece of land." Here appears the motive for the erection of the iron railings so closely placed in front of the old houses. Another covenant was against "putting there any muckhill or dunghill places, pigstyes or workhouses, shoppes or places that shall be noysome or stink, or be nautious or troublesome," and also to have there "no butcher's or smith's slaughter house or smithy harth." One of the corner houses, originally called "the Angle House," was sold in 1791 for £420; in 1805 it realised £970; in 1843, £1,330; and in 1853, £2,515. The centre of the Square was enclosed and neatly kept as a garden with walks across, for the use of the inhabitants there, but (possibly it was "nobody's business") in course of time it became neglected, and we have at least one instance, in 1832, of its being the scene of a public demonstration. About the time of the Parliamentary election in that year, the carriageway round the Square had been newly macadamised, and on the polling day, when Dempster Heming opposed William Stratford Dugdale, the stones were found very handy, and were made liberal use of, as per the usual order of the day at that time on

such occasions. The trees and railings were removed in 1836 or 1837 in consequence of many accidents occurring there, the roadways being narrow and very dangerous from the numerous angles, the Street Commissioners undertaking to give the inhabitants a wide and handsome flagging as a footpath on all sides of the square, conditionally with the freeholders of the property giving up their rights to and share in the enclosure.

Omnibuses.—The first omnibus was started in 1828, by Mr. Doughty, a fishmonger, and its route lay between the White Swan, Snow Hill, to the Sun, in Bristol Road. In 1836 an "Omnibus Conveyance Co.," was proposed, with a magnificent capital of £5,000. The projectors would have been a little startled if they could have seen the prospectuses of some of our modern conveyance companies.—See "*Tramways.*"

Open Spaces.—March 8, 1883, saw the formation of the Birmingham Association for the Prevention of Open Spaces and Public Footpaths, the object of which is to be the securing of the rights of the public to the open spots, footpaths, and green places, which, for generations, have belonged to them. There are few such left in the borough now, but the Association may find plenty to do in the near neighbourhood, and if its members can but save us one or two of the old country walks they will do good service to the community.

Orange Tree.—This public-house was built in 1780, the neighbourhood being then known as "Boswell Heath." A walk to the Orange Tree over the "hilly fields," where Conybere and other streets now are, was a pleasant Sunday morning ramble even forty years back.

Oratory.—See "*Places of Worship.*"

Organs.—According to the oft-quoted extract from the Hulsewen Churchwardens' books—"1497. Paid

for repeyling the organs to the organ maker at Bromycham 10s,"—organ-building must have been one of the few recognised trades of this town at a very early date. It is a pity the same accounts do not give the maker's name of the instruments for which in 1539 they "paid my lord Abbot 4 marks," or name the parties who were then employed and paid for "mending and setting the organs up, 40s." Whether any of the most celebrated organs in the country have, or have not, been made here, is quite uncertain, though the Directories and papers of all dates tell us that makers thereof have never been wanting. In 1730, one Thomas Swalbrick made the organ for St. Mary's Church, Warwick, and the Directory for 1836 gives the name of Isaac Craddock (the original maker of the taper penholder), who repaired and in several cases enlarged the instruments at many of our places of worship, as well as supplying the beautiful organ for St. Mary's, at Coventry.—The tale has often been told of the consternation caused by the introduction of a barrel organ into a church, when from some catch or other it would not stop at the finish of the first tune, and had to be carried outside, while the remainder of its repertoire pealed forth, but such instruments were not unknown in sacred edifices in this neighbourhood but a short time back [see "*Northfield*"].—A splendid organ was erected in Broad Street Music Hall when it was opened, and it was said to be the second largest in England, costing £2,000; it was afterwards purchased for St. Paneras' Church, London.—The organ in the Town Hall, constructed by Mr. Hill, of London, cost nearly £4,000 and, when put up, was considered to be one of the finest and most powerful in the world, and it cannot have lost much of its prestige, as many improvements have since been made in it. The outer case is 45ft. high, 40ft. wide, and 17ft. deep, and the timber used in the construction of the organ

weighed nearly 30 tons. There are 4 keyboards, 71 draw stops, and over 4,000 pipes of various forms and sizes, some long, some short, some trumpet-like in shape, and others cylindrical, while in size they range from two or three inches in length to the great pedal pipe, 32ft. high and a yard in width, with an interior capacity of 224 cubic feet. In the "great organ" there are 18 stops, viz.: Clarion (2ft.), ditto (4ft.), posanne, trumpet, principal (1 and 2), gamba, stopped diapason, four open diapasons, doublette, harmonic flute, mixture sesquialtra, fifteenth, and twelfth, containing altogether 1,338 pipes. In the "choir organ" there are nine stops, viz.: Wald flute, fifteenth stopped flute, oboe flute, principal, stopped diapason, hohl flute, cornopean, and open diapason, making together 486 pipes. The "swell organ" contains 10 stops, viz.: Hautbois, trumpet, horn, fifteenth, sesquialtra, principal, stopped diapason, open diapason, clarion, and boureon and dulciana, the whole requiring 702 pipes. In the "solo organ" the principal stops are the harmonica, krum, horn, and flageolet, but many of the stops in the swell and choir organs work in connection with the solo. In the "pedal organ" are 12 stops, viz.: Open diapason 16ft. (bottom octave) wood, ditto, 16ft., metal, ditto, 16ft. (bottom octave) metal, bourdon principal, twelfth, fifteenth, sesquialtra, mixture, posanne, 8ft. trumpet, and 4ft. trumpet. There are besides, three 32ft. stops, one wood, one metal, and one trombone. There are four bellows attached to the organ, and they are of great size, one being for the 32ft. pipes alone. The Town Hall organ had its first public trial August 29, 1834, when the Birmingham Choral Society went through a selection of choruses, as a kind of advance note of the then coming Festival.

Orphanages.—The first local establishment of the nature of an orphanage was the so called Orphan Asylum

in Summer Lane, built in 1797 for the rearing of poor children from the Workhouse. It was a very useful institution up to the time of its close in 1852, but like the Homes at Marston Green, where the young unfortunates from the present Workhouse are reared and trained to industrial habits, it was almost a misnomer to dub it an "orphan asylum."—An Orphanage at Erdington was begun by the late Sir Josiah Mason, in 1858, in connection with his Almshouses there, it being his then intention to find shelter for some three score of the aged and infantile "waifs and strays" of humanity. In 1860 he extended his design so far as to commence the present Orphanage, the foundation stone of which was laid by himself Sept. 19 in that year, the building being finished and first occupied in 1863. In addition to the expenditure of £60,000 on the buildings, the founder endowed the institution with land and property to the value of £250,000. No publicity was given to this munificent benevolence until the twelvemonths prescribed by the statute had elapsed after the date of the deed, when, on the 29th of July, 1869, the Orphanage and estates were handed over to seven trustees, who, together with Sir Josiah himself, formed the first Board of Management. At his death, as provided by the trust deed, seven other trustees chosen by the Birmingham Town Council were added to the Board. The inmates of the Orphanage are lodged, clothed, fed, maintained, educated, and brought up at the exclusive cost of the institution, there being no restriction whatever as to locality, nationality, or religious persuasion of parents or friends. In 1874 the building was enlarged, so as to accommodate 300 girls, 150 boys, and 50 infants, the original part being reserved for the girls and infants and a new wing built for the boys. The two are connected by the lofty dining hall, 200ft. long, with tables and seats for 500 children. Every part of the establishment is on a liberal scale and

fitted with the best appliances; each child has its separate bed, and the playgrounds are most extensive.—The Princess Alice Orphanage, of which the foundation-stone was laid Sept. 19, 1882, has rather more than a Birmingham interest, as it is intended in the first instance for the reception of children from all parts of the country whose parents have been Wesleyans. In connection with the Wesleyan Thanksgiving Fund, Mr. Solomon Jevons, of this town, made an offer to the committee that if from the fund they would make a grant of £10,000 towards establishing an orphanage in the neighbourhood of Birmingham, he would supplement it by a donation of £10,000. After due consideration the offer was accepted. Plans were prepared by Mr. J. L. Ball for as much of the building as it was proposed immediately to erect, and the contract was let to Messrs. J. Wilson and Sons, of Handsworth. The sanction of her Majesty the Queen was obtained to call the building the "Princess Alice" Orphanage, in memory of her lamented daughter, the late Princess of Hesse. The site chosen is about halfway between Erdington and Sutton Coldfield on the Chester Road, and very near to the "Beggar's Bush." Facing the road, though forty yards from it, is the central block of buildings, 250 feet in length, including the master's house, board room and offices, store rooms, &c., with a large hall, 90 feet by 33 feet, for use as a dining hall, general gatherings, morning prayers, &c., the children's homes being in cottages at varying distances, so that when the whole twenty-four homes (twelve each for boys and girls) are erected it will be like a miniature village, sundry farm buildings and workshops being interspersed here and there. Each cottage is intended to be the home of about twenty children, but at first, and until the funds for the maintenance of the orphanage have been increased, the inmates will be limited to the accommodation that can be provided at the

central block and the nearest two or three homes, the rest being built as occasion offers.

Oscott College.—See "*Schools*," &c.

Oxford, (Edward).—The boy Oxford who shot at the Queen, on June 10, 1840, was born here and had worked at several shops in the town.

Oxygen.—It was on the first of August, 1774, that Dr. Priestley discovered the nature of oxygen or "dephlogisticated air." If he could visit Oxygen Street in this town in August of any year, he would probably say that the air there to be breathed required dephlogisticating over and over again.

Packhorses.—In and about the year 1750 the only method of conveying parcels or goods from here to London was by means of packhorses, the charge being at the rate of £7 to £9 per ton; to Liverpool and Bristol, £5.

Panorama.—A circular erection in New Street, and now partly incorporated in the Society of Artists building, where early in the century panoramas of various kinds were exhibited.

Panoramic View.—A peculiar view of this town was published in 1847 by Ackermann of London, and was thus called, as it purported to give the thoroughfares pictorially, showing the houses as they would appear from a balloon over Moseley Street. The size was 27½ in. by 14¾ in. As a curiosity it is prizable, but its correctness of delineation is marred very much by the plan adopted.

Pantechnetheca.—A large place of general business, opened in 1824, at the New-street end of Union-passage. In 1817, there stood on this spot a publichouse, known as the "Old Crown," the entrance to which was in a large, open gateway at its side, through which a path led to the cherry orchard. The Pantechnetheca was

one of "the sights" of the town, the exterior being ornamented with pillars and statues; while the name was not only a puzzle to the "Black Country" visitors, but quite a subject of dispute as to its etymology among the Greek scholars of the Grammar School opposite.

Paradise Street.—The footpath on the Town Hall side used to be several feet higher than the causeway, and was supplied with iron railings. If the name had been given in late years, it might be supposed to have been chosen because the doors of the Parish Offices are in the street.

Parish Offices.—See "*Public Buildings*."

Parkesine—A material used for knife handles and other purposes, so named after its maker, Alexander Parkes, a well-known local manufacturer, who said it was made from refuse vegetable fibre, pyroxyline, oil, naphtha, and chloride of sulphur.

Park Lane.—From Aston Cross Tavern to the Birchfield Road, originally being the road outside the wall of Aston Park. The first lots of land for building that were sold were those fronting Church Lane, and they fetched an average price of 2s. 2d. per yard, each lot being 12 yards by 60 yards. The next were the lots marked out by the side of Park Lane, and it was at about the middle of Park Lane that the first house was built in Aston Park in 1854 or 1855.

Park Road.—Leading over the hill from Aston Cross to Aston Church, was the first laid out, and the first opened to the public (Easter Monday, 1855) through the old grounds belonging to the Holts.

Parks.—Thanks to the munificence of Miss Ryland, Lord Calthorpe, Sir Charles Adderley, and Mr. W. Middlemore, with the concurrent generosity of the Church authorities, in whom the freehold of our churchyards was invested, Birmingham cannot be said to

be short of parks and public grounds, though with all put together the area is nothing like that taken from the inhabitants under the Enclosures Acts of last century. The first movement for the acquisition of public parks took the shape of a town's meeting, Dec. 22, 1853, when the burgesses approved the purchase, and in 1854 an Act was obtained for the formation thereof. The first to be opened was Adderley Park, Aug. 30, 1856, the gift of Sir Charles Adderley. Its area is 10A. 0R. 22P., and it is held nominally on a 999 years' lease, at a rental of 5s. per year. Calthorpe Park was opened June 1, 1857; its area being 31A. 1R. 13P., and it is held under a grant by the Calthorpe family that is equivalent to a conveyance in fee. Aston Park was opened Sept. 22, 1864; its area is 49A. 2R. 8P., and it belongs to the town by purchase. Cannon Hill Park, the gift of Miss Ryland, was opened Sept. 1, 1873; its area being 57A. 1R. 9P. In 1874, the Town Council gave the Trustees of Holliers' Charity the sum of £8,300 for the 8A. 8R. 28P. of land situated between the Moseley Road and Alcester Street, and after expending over £5,400 in laying out, fencing, and planting, opened it as Highgate Park June 2, 1876. In 1876 Summerville House and grounds covering 12A. 0R. 20P. were purchased from Mr. Henry Weiss for £9,000, and after fencing, &c., was thrown open as Summerville Park, July 29, 1876. In the following year, Mr. William Midgillmore presented to the town a plot of ground, 4A. 1R. 3P. in extent, in Burbury Street, having spent about £3,500 in fencing and laying it out, principally as a recreation ground for children (the total value being over £12,000), and it was opened as Hockley Park, December 1, 1877.—Small Heath Park, comprising 41A. 3R. 34P., is another of the gifts of Miss Ryland, who presented it to the town June 2, 1876, and in addition provided £4,000 of the £10,000 the Town Council expended in laying it out. The formal opening ceremony

took place April 5, 1879. There are still several points of the compass directing to suburbs which would be benefited by the appropriation of a little breathing place or two, and possibly in due time they will be acquired. The Nechells people have had laid out for their delectation the waste ground near the gas works which may be called Nechells Park for the time being. The Earl of Dartmouth in June, 1878, gave 56 acres out of Sandwell Park to the inhabitants of West Bromwich, and they call it Dartmouth Park.

Park Street takes its name from the small park or wood surrounding Park House, once existing somewhere near to the burial ground.

Park Street Gardens—As they are now called, comprise the Park Street Burial Ground and St. Bartholomew's Churchyard, the possession of which (under a nominal lease for 999 years) was given by the Rectors of St. Martin's and St. Bartholomew's to the Corporation according to the provisions of the Closed Burial Grounds Act. The whole area included a little over five acres, and the site thus given was valued at £50,000. About half an acre was devoted to the widening of the surrounding streets, the remainder being properly fenced in and laid out as recreating grounds and gardens. The opening ceremony took place, June 25, 1880.

Parliamentary Elections.—Notwithstanding the safeguards provided by the Ballot Act, and all the deterrent measures enacted against bribery and intimidation, and those peculiar tactics known as "getting up steam," the period of an election for Parliamentary representatives is a time of great excitement even in these days. But it is comparatively naught to what it used to be, when the art of kidnapping Tory voters, or "bottling" Whigs, was considered as only a small part of the education required by aspiring political agents. Leading

burly prizefighters to clear the hustings on nomination day, upsetting carriages containing voters going to poll, and such like practical jokes were all *en regle*, and as such "goings-on" were to be found as much on the one side as the other, neither party's pot had a right to call the opponent's kettle black. Prior to the enfranchisement of the borough, one of the most exciting elections in which the Brums had been engaged was that for the county of Warwick in 1774, when Sir Charles Holte, of Aston Hall, was returned. The nomination took place Oct. 13, the candidates being Mr. Shipworth (a previous member, Mr. (afterwards Lord) Mordaunt, and Sir Charles, who for once pleased the Birmingham folks by calling himself an "Independent." The polling, which commenced on the 20th, was continued for ten days, closing on the 31st, and as Mr. Mordaunt had the lead for many days the excitement was intense, and the rejoicings proportionate at the end when the local candidate came in with flying colours. The voting ran:—Shipwith, 2,954; Holte, 1,845; Mordaunt, 1,787.—A Birmingham man was a candidate at the next great county contest, forty-six years after. This was Mr. Richard Spooner, then (1820) a young man and of rather Radical tendencies. His opponent, Mr. Francis Lawley, was of the old-fashioned Whig party, and the treatment his supporters received at the hands of the Birmingham and Coventry people was disgraceful. Hundreds of special constables had to be sworn in at Warwick during the fourteen days' polling, business being suspended for days together, but Radical Richard's roughs failed to influence the election, as Mr. Lawley obtained 2,153 votes against Mr. Spooner's 970. As Mr. Spooner grew older he became more prominent in commercial circles, and was peculiarly *au fait* in all currency matters, but he lost his hold on local electors by turning to the Conservative side of politics. Of this he was more than once reminded in

after years, when speaking in the Town Hall, by individuals taking off their coats, turning them inside out, and having put them on again, standing prominently in front of "Yellow Dick" as they then called him.

That the inhabitants of Birmingham, so rapidly increasing in numbers and wealth, should be desirous of direct representation in the House of Commons, could be no wonder even to the most bigoted politicians of the last and early part of the present century. Possibly, had there been '91 Riots, nor quite so much "tall talk," the Legislature might have vouchsafed us a share in the manufacture of our country's laws a little earlier than they did, and the attempt to *force* a member through the doors of the House could not have added to any desire that may have existed in the minds of the gentlemen inside to admit the representative of Birmingham. The New-hall Hill meeting of July 12th, 1819, may be reckoned as the first pitched battle between the invaders and defenders of the then existing Parliamentary Constitution. The appointment of Sir Charles Wolescy as "Legislatorial Attorney and Representative," with instructions to take his seat as M.P. for the town (and many so styled him, even though made at a meeting of 20,000 would-be electors, does not appear to have been the wisest way to have gone to work, notwithstanding the fact that Sir Charles himself said *he* had no doubt of their right to send him up as their Member. Prosecution of the leaders followed, as a matter of course, and if the twenty-and-odd-thousands of the local Conservative electors of to-day were thus to try to obtain *their* due share of representation in the House, most likely the leaders of such a movement would be as liberally dealt with. The "battle of freedom," as the great Reform movement came to be called, has often been described, and honour been given to all who took part in it. The old soldiers of the campaign should be allowed, if

they choose, to "fight their battles o'er again," as long as they live, but it is about time that the hatchet of party spite, (hitherto so freely used in local political warfare) was buried out of sight, and all sides be as willing to give equal rights as their fathers were to fight for theirs. Birmingham, however, was not without *some* friends in Parliament, and on the occasion of the disfranchisement of the borough of East Retford in 1827, it was proposed by Mr. Charles Tennyson that the two seats thus voided should be given to Birmingham. Mr. George Attwood was High Bailiff at the time, and he at once called a public meeting to support Mr. Tennyson's proposition by petition. The Public Office was not large enough for those who attended the meeting (June 22, 1827) and they adjourned to Beardsworth's Repository, where speeches were delivered by the leading men of all parties. Petitions to both Houses were drawn up and signed, the county members, Dugdale Stratford Dugdale and Francis Lawley, Esqrs., being asked to introduce the one to the House of Commons, and Lord Dudley and Ward (Baron of Birmingham) and Lord Calthorpe to support the petitioners' prayer in the Upper House. Mr. Tennyson (who afterwards took the name of D'Eyncourt) brought in his Bill, but notwithstanding all that could be said or done by the friends of the town they were outvoted (March 21, 1828), and the Bill was thrown out. The next four years were full of trouble, and the news of the passing of the Reform Bill (June 7, 1832), which at last gave Birmingham its long-sought political rights was most welcome indeed. The first election day was fixed for December 12, and for some time it was rumoured that Mr. Richard Spooner would stand in opposition to Messrs. Thomas Attwood and Joshua Scholefield, the chosen representatives of the Liberals; but the Conservative party, deeming it but right that those who had borne the

brunt of the constitutional fight should be allowed the first honours of the local victory, declined to oppose those gentlemen, and they were accordingly returned without opposition. The hustings had been erected on a plot of land opposite the Public Offices and here the nominations took place at the early hour of 8 a.m. The proceedings were over by nine o'clock, but the "victory," as the popular party chose to consider it, did not satisfy them, and as there was an election on at Walsall the same day it was determined that the Birmingham Liberals should go there to help Mr. Bosco Attwood in his contest with Mr. Foster. A procession of some thousands, with bands and banners, according marched the whole of the distance so Walsall, and if their behaviour there represented what they were prepared to do at home had they not been allowed to have their own way, it was well for Birmingham they were not opposed. Long before evening this town was in the most fearful excitement, the passengers and guards of the various coaches which had passed through Walsall bringing the direst news of fire and riot, mixed with reports of the military being called out and firing on the people, numbers being killed, &c. Fortunately there was much exaggeration in these tales, and by degrees most of the Birmingham men found their way home, though many were in sad plight through the outrageous behaviour of themselves and the "victorious" crew who went off so gaily with them in the morning. The elections in after years may be briefly chronicled.

1835.—At the general election, which occurred this year, the Town Hall was first used as the place of nomination (Jan. 7th). During the proceedings the front of the great gallery gave way and precipitated those sitting there on to the heads of the people below, but providentially, the injuries received were not of a serious character. Mr. R. Spooner

was most impatiently heard, and the show of hands was decidedly against him. The state of the poll showed :—

Thomas Attwood	1,718 votes	Returned.
Joshua Scholefield	1,660 "	
Richard Spooner	915 "	

1837, August.—At this election the late sitting members were opposed by Mr. A. G. Stapleton, but unsuccessfully, the voting being

Thomas Attwood	.. 2,145	Returned.
Joshua Scholefield	.. 2,114	
A. G. Stapleton	.. 1,046	

1840, January.—Mr. Attwood having resigned, Sir Charles Wetherell appeared in the Conservative interest against Mr. G. F. Muntz. Mr. Joseph Sturge, who also issued an address to the electors, retiring on the solicitation of his friends, on the understanding that the whole Liberal party would support him at the next vacancy. The result was in favour of Mr. Muntz, thus—

Geo. Fred. Muntz	.. 1,454	Returned.
Sir C. Wetherell	.. 915	

1841, July.—Mr. Richard Spooner, who opposed Messrs. Muntz and Scholefield, was again defeated, through receiving the suffrages of double the number of electors who voted for him in 1835. The returns were—

Geo. Fred. Muntz	.. 2,176	Returned.
Joshua Scholefield	.. 1,963	
Richard Spooner	.. 1,825	

1842, August.—Mr. Joseph Sturge fought Mr. Walter (of *The Times*) for the honour of representing Nottingham, but the plucky "Birmingham Quaker Chartist," as *The Times* called him, came off second best, the votes given being 1,799 for Walter, and 1,725 for Sturge.

1843, March.—Mr. Newdegate was first returned for North Warwickshire, and he retains his seat to the present day.

1844, July.—On the death of Mr. Scholefield, his son William was nominated to fill the vacant seat for Birmingham. Mr. Sturge, relying on the promises made him in 1840, also put in a claim, but his connection with the working classes, and his "complete suffrage" dream, had estranged many of his friends, and the split in the party enabled Mr. Spooner at last to head the poll, and for the first and only time (up to June 1885) a Conservative member went to the House as representative for Birmingham.

Richard Spooner	.. 2,095	Returned.
William Scholefield	.. 1,735	
Joseph Sturge	.. 346	

1847, August.—Mr. Spooner this time had to make way for Mr. Scholefield; Mr. Serjeant Allen, who also tied, being "nowhere" in the running, the figures being :—

Geo. Fred. Muntz	.. 2,830	Returned.
William Scholefield	.. 2,834	
Richard Spooner	.. 2,302	
Serjeant Allen	.. 89	

Mr. Spooner was soon consoled for his defeat here by being returned for North Warwickshire along with Mr. Newdegate, though not without a hard struggle, his opponent, the Hon. W. H. Leigh, polling 2,278 votes against Spooner's 2,454, and Newdegate's 2,915. Mr. Spooner retained his seat for North Warwick until his death in 1864.

1852, July.—No one opposed the re-election of Messrs. Muntz and Scholefield.

1857, March.—The same gentlemen were again returned without opposition.

1857, August.—On the death of Mr. Muntz, though the names of George Dawson and others were whispered, the unanimous choice fell upon Mr. John Bright, "the rejected of Manchester," and it may be truly said he was at that time the chosen of the people. Birmingham men of all shades of politics appreciating his

eloquence and admiring his sterling honesty, though many differed with his opinions. Addresses were early issued by Baron Dickenson Webster and Mr. McGeachy, but both were at once withdrawn when Mr. Bright consented to stand and *his* address appeared.

1859, April).—At the election of this year, though defeat must have been a foregone conclusion, Mr. Thomas D. Acland waged battle with Messrs. Scholefield and Bright, and the result was :—

William Scholefield	4,425	Returned.
John Bright	3,282	
T. D. Acland	1,544	

1864, December.—On the death of Mr. Spooner, Mr. Davenport-Bromley, (afterwards Bromley-Davenport) was elected un-opposed, and retained his seat until his death, June 15, 1884.

1864.—Householders, whose rates were compounded for by their landlords, had hitherto not been allowed to exercise their right of voting, but the decision given in their favour, Feb. 17, 1864, was the means of raising the number of voters' names on the register to over 40,000.

1865, July.—Whether from fear of the newly-formed Liberal Association (which was inaugurated in February for the avowed purpose of controlling the Parliamentary elections in the borough and adjoining county divisions), or the lack of a sufficiently popular local man, there was no opposition offered to the return of Messrs. Scholefield and Bright at the election of this year.

1867, July.—On the death of Mr. Scholefield, Mr. George Dixon was nominated by the Liberals and opposed by Mr. Sampson S. Lloyd. The result was :—

Geo. Dixon	5,819	Returned.
S. S. Lloyd	4,214	

1868, November.—This was the first election after the passing of the Reform Bill of 1867, by which Bir-

mingham became entitled to send three members to the House of Commons ; and as the Bill contained a proviso (generally known as the "minority clause") that each voter should be limited to giving his support to two only of the candidates, an immense amount of interest was taken in the interest that ensued. The Conservatives brought forward Mr. Sampson S. Lloyd and Mr. Sebastian Evans, the Liberal Association nominating Messrs. John Bright, George Dixon and Philip Henry Muntz (brother to the old member G. F. Muntz). The election has become historical from the cleverly-manipulated scheme devised by the Liberal Association, and the strict enforcement of their "vote-as-you're-told" policy, by which, abnegating all personal freedom or choice in the matter the electors under the influence of the Association were moved at the will of the chiefs of their party. That the new tactics were successful is shown by the returns :—

George Dixon	15,188	Returned.
P. H. Muntz	14,614	
John Bright	14,601	
S. S. Lloyd	8,700	
S. Evans	7,061	

1868, Dec. 21.—Mr. Bright having been appointed President of the Board of Trade, was re-elected without opposition. He held office till the close of 1870, but for a long time was absent from Parliament through illness.

1873, Aug. 6.—Mr. John Jaffray, one of the proprietors of the *Daily Post*, contested East Staffordshire against Mr. Allsopp, but he only obtained 2,893 votes, as against Mr. Allsopp's 3,630.

1873, Oct. 18.—Soon after recovery of health Mr. Bright returned to his seat, and being appointed to the office of the Chancellor of the Duchy of Lancaster, was re-elected in due course.

1874, Jan. 30.—No opposition was made to the re-election of Messrs. Bright, Dixon, and Muntz.

1876, June 27.—Mr. Joseph Chamberlain was elected without opposition on the resignation of Mr. Dixon.

1880, March 31.—Though free from all the rioting and possible bloodshed that would have attended such an occasion a hundred years ago, the election of 1880 was the most exciting and hardest-fought battle between the two great political parties of the town yet recorded in local history. The candidates were Messrs. John Bright, Joseph Chamberlain and Philip Henry Muntz, the previous members and nominees of the Liberal Association, and Major Burnaby and the Hon. A. C. G. Calthorpe, Conservatives. There were 139 polling stations, and no less than 47,776 out of the 63,398 persons whose names were on the register, recorded their votes under the protection of the Ballot Act of 1870, now first brought into use at a Parliamentary election. The usual courtesies (!) appertaining to political contests were indulged in to considerable extent, and personalities of all sorts much too freely bandied about, but the election altogether passed off in the most creditable manner. The returns of the polling stood thus—

Philip Henry Muntz ..	22,803	} Returned.
John Bright	21,986	
Joseph Chamberlain ..	19,476	
Major Burnaby	15,716	
Hon. A. C. G. Calthorpe	14,270	

An analysis of the polling issued by the Mayor about a week after the election showed that 16,098 voters supported the Conservative candidates and 33,302 the Liberals. Deducting the 2,004 who "split" their votes between the parties, and 380 whose papers were either rejected or not counted as being doubtful, the total gives 47,396 as the actual number whose votes decided the election. As a curiosity and a

puzzle for future politicians, the Mayor's analysis is worth preserving, as here re-analysed :—

PLUMPERS.

Calthorpe only	42	
Burnaby only	164	206
Chamberlain only	50	
Muntz only	199	
Bright only	86	335

SPLIT VOTES.

Calthorpe and Muntz ..	153	
Calthorpe and Chamberlain ..	83	
Burnaby and Muntz	1,239	
Burnaby and Chamberlain ..	182	
Bright and Calthorpe	104	
Bright and Burnaby	243	2,014

CON. PARTY VOTES,

Burnaby and Calthorpe ..	13,888	13,888
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LIBERAL PARTY VOTES.

Chamberlain and Muntz ..	9,410	
Bright and Muntz	11,802	
Bright and Chamberlain ..	9,751	80,963

Voting papers rejected and doubtful	380
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Total number of voters polled	47,776
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Mr. Bright having been again appointed Chancellor of the Duchy of Lancaster, and Mr. Chamberlain chosen as President of the Board of Trade, they were re-elected, without opposition, early in May following the election. Three other local Liberal gentlemen were returned to Parliament during this general election, viz. :—Mr. Jesse Collings for Ipswich (receiving 3,074 votes), Mr. H. Wiggins for East Staffordshire (4,617 votes), and Mr. J. S. Wright for Nottingham (8,085 votes). The last-named, however, did not live to take his seat, dying very suddenly while attending a committee-meeting at the Council House, Birmingham, on the 15th April.—See "*Statues*," &c

According to the published returns of January, 1884, Birmingham was then the largest borough constituency in England, the number of electors on the register then in force being 63,221; Liverpool coming next with

61,336; and Lambeth third, with 55,588; but Glasgow was the largest in the United Kingdom, with 68,025. The largest county constituency in England and Wales was Middlesex, with 41,299 electors; the next being South-West Lancashire, with 30,624; the third, South-East Lancashire, with 28,728; and the fourth, the southern division of the West Riding, with 27,625. The total electorate for England and Wales, was 2,660,444; Scotland, 331,264; and Ireland, 230,156.

The following statistics have been taken from the returns named, showing in respect of each constituency in this neighbourhood, the area of each borough, city, or county division, the population, the number of inhabited houses, the number of voters and their qualifications, and the Members sent to Parliament prior to the passing of the Franchise and Redistribution Bills of 1885, and are worth preserving for future local reference:—

Borough, City, or County Division	Area in Square Miles.	Population		Inhabited Houses		£10 Occupiers and Inhabitant Householders.	Lodgers.	Freehold and Bur-gage Tenants.	Free-men or Voters by Ancient Rights.	£12 Occupiers.	£50 Tenants.	Owners.	Total No. of Electors.	M.P.'s Returned.
		in 1871	in 1881	in 1871	in 1881									
Birmingham....	13	343,787	400,774	68,532	78,801	63,149	72	..	..	..	..	..	63,221	3
Bewdley	11½	7,614	8,678	1,717	1,839	273	12	..	1	..	..	..	1,276	1
Bridgnorth	17	7,317	7,212	1,565	1,52	055	..	..	163	..	..	..	1,218	1
Coventry	10	41,348	46,563	9,334	10,185	4,733	12	..	3995	..	..	..	8,740	2
Droitwich	43	9,510	9,858	1,931	2,006	1,409	..	..	1	..	..	..	1,410	1
Dudley	12	82,249	87,527	15,985	16,889	14,833	1	..	..	..	..	..	14,834	1
E. Staffordshire	218	101,564	138,439	19,960	26,003	..	..	..	5,106	141	6,481	..	11,728	2
E. Worcestershr.	324	147,685	177,257	30,551	35,781	..	..	..	4,715	567	6,931	..	12,243	2
Evesham	3½	4,888	5,112	1,001	1,050	794	11	..	20	..	..	..	825	1
Kidderminster..	33½	20,814	25,633	4,292	5,062	3,898	5	..	..	..	..	..	3,903	1
Lichfield	5	7,347	8,349	1,543	1,678	1,095	7	161	39	..	..	..	1,242	1
Newcastle (Stff.)	1	15,948	17,493	3,180	3,393	2,431	5	..	679	..	..	..	3,115	2
N. Staffordshire	396	120,217	132,684	24,194	26,403	..	..	..	3,008	1,071	7,141	..	11,220	2
N. Warwickshire	383	134,723	170,086	29,032	35,151	..	..	..	5,878	516	5,603	..	11,997	2
S. Warwickshire	462	96,905	99,592	20,803	21,485	..	..	..	2,561	688	3,253	..	6,502	2
Stafford	1	15,946	18,994	2,939	3,385	2,764	22	..	798	..	..	..	3,584	2
Stoke-on-Trent	14	130,575	152,394	24,582	28,350	21,131	13	..	..	..	..	..	21,144	2
Tamworth	18	11,493	14,101	2,357	2,772	2,220	6	..	3	..	..	..	2,229	2
Walsall	11½	49,018	59,402	9,566	11,140	9,821	3	..	..	..	..	..	9,824	1
Warwick	8	10,986	11,800	2,418	2,518	1,742	4	..	15	..	..	..	1,761	2
Wednesbury	17	116,809	124,437	22,621	23,443	19,807	3	..	..	..	..	..	19,810	1
W. Staffordshire	434	100,413	117,737	20,134	23,261	..	..	..	2,715	661	8,570	..	11,946	2
W. Worcestershr	341	66,419	67,139	13,895	13,928	..	..	..	1,142	1,033	4,426	..	6,601	2
Wolverhampton	29½	156,978	164,322	30,424	31,475	23,559	31	..	..	..	..	..	23,590	2
Worcester	5	38,116	40,354	8,043	8,539	5,948	59	..	355	..	..	..	6,362	1

Parsonage.—The Old Parsonage, at the corner of Smallbrook Street and Pershore Street, an old-fashioned two-storey gabled house, was moated round and almost hidden by trees, and has been preserved for future historians in one of David Cox's sketches, which remains as a curious memento of the once

rural appearance of what are now some of the busiest spots in town. The house was pulled down in 1826.

Parson and Clerk.—A noted publichouse on the old Chester Road is the Royal Oak, better known as "The Parson and Clerk." An old pamphlet thus gives the why and wherefore:

"There had used to be on the top of the house two figures—one of a parson leaning his head in prayer, while the clerk was behind him with uplifted axe, going to chop off his head. These two figures were placed there by John Gough, Esq., of Perry Hall, to commemorate a law suit between him and the Rev. T. Lane, each having annoyed the other. Mr. Lane had kept the Squire out of possession of this house, and had withheld the licenses, while the latter had compelled the clergyman to officiate daily in the church, by sending his servants to form a congregation. Squire Gough won the day, re-built the house in 1788, and put up the figures to annoy Parson Lane, parsons of all sorts being out of his good books."

Parsons, Preachers, and Priests of the Past.—It would be a lengthy list or make note of all the worthy and reverend gentlemen who have, from pulpit or platform, lectured and preached to the people in our town, or who have aided in the intellectual advancement and education of the rising generation of their time. Church and Chapel alike have had their good men and true, and neither can claim a monopoly of talent, or boast much of their superiority in Christian fellowship or love of their kind. Many shepherds have been taken from their so-called flocks whose places at the time it was thought could never be filled, but whose very names are now only to be found on their tombs, or mentioned in old magazines or newspapers. Some few are here recalled as of interest from their position, peculiarities, &c.

John Angell James.—A Wiltshire man was John Angell James, who, after a short course of itinerary preaching came to Birmingham, and for more than fifty years was the idolised minister of Carr's Lane congregation. He was a good man and eloquent, having a certain attractive way which endeared him to many. He lived, and was loved by those who liked him, till

he had reached the age of 74, dying Oct. 1, 1859, his remains being buried like those of a saint, under the pulpit from which he had so long preached.

Samuel Bache.—Coming as a Christ-mas-box to his parents in 1804, and early trained for the pulpit, the Rev. Samuel Bache joined the Rev. John Kentish in his ministrations to the Unitarian flock in 1832, and remained with us until 1868. Loved in his own community for faithfully preaching their peculiar doctrines, Mr. Bache proved himself a man of broad and enlightened sympathies; one who could appreciate and support anything and everything that tended to elevate the people in their amusements as well as in matters connected with education.

George Croft.—The Lectureship of St. Martin's in the first year of the present century was vested in Dr. George Croft, one of the good old sort of Church and King parsons, orthodox to the backbone, but from sundry peculiarities not particularly popular with the major portion of his parishioners. He died in 1809.

George Dawson.—Born in London, February 24, 1821, George Dawson studied at Glasgow for the Baptist ministry, and came to this town in 1844 to take the charge of Mount Zion chapel. The cribbed and crabb'd restraints of denominational church government failed, however, to satisfy his independent heart, and in little more than two years his connection with the Mount Zion congregation ceased (June 24, 1846). The Church of the Saviour was soon after erected for him, and here he drew together worshippers of many shades of religious belief, and ministered unto them till his death. As a lecturer he was known everywhere, and there are but few towns in the kingdom that he did not visit, while his tour in America, in the Autumn of 1874, was a great success. His connection with the public institutions of this town is part of our modern history, and no man yet ever exercised such influence or did more to advance the intelligence and culture

of the people, and, as John Bright once said of Cobden "it was not until we had lost him that we knew how much we loved him." The sincerity and honesty of purpose right through his life, and exhibited in all his actions, won the highest esteem of even those who differed from him, and the announcement of his sudden death (Nov. 30, 1876) was felt as a blow by men of all creeds or politics who had ever known him or heard him. To him the world owes the formation of the first Shakesperian Library—to have witnessed its destruction would indeed have been bitter agony to the man who (in October, 1866) had been chosen to deliver the inaugural address at the opening of the Free Reference Library, to which he, with friends, made such an addition. As a preacher, he was gifted with remarkable powers; as a lecturer, he was unsurpassed; in social matters, he was the friend of all, with ever-open hand to those in need; as a politician, though keen at repartee and a hard hitter, he was straightforward, and no time-server; and in the word of his favourite author, "Take him all in all, we ne'er shall look on his like again."—See "*Statues*," &c.

W. D. Long.—The Rev. Wm. Duncan Long (who died at Godalming, April 12, 1878), according to the *Record*, was "a good man, and full of the Holy Ghost and of faith." In our local records he is noted as being distinguished for hard work among the poor of St. Bartholomew's, of which parish he was minister for many years prior to 1851.

Thomas Swann.—The Rev. Thomas Swann, who came here in January 1829, after a few years' sojourn in India, served the Cannon Street body for 28 years, during which time he baptised 966 persons, admitting into membership a total of 1,233. Mr. Swann had an attack of apoplexy, while in Glasgow, on Sunday, March 7, 1857, and died two days afterwards. His remains were brought to Birmingham, and were followed to the grave

(March 16) by a large concourse of persons, a number of ministers taking part in the funeral service.

W. L. Giles.—The Rev. W. Leese Giles, who filled the pulpit in Cannon Street from Oct., 1863, to July, 1872, was peculiarly successful in his ministrations, especially among the young.

Lewis Chapman.—The Rev. Lewis Chapman (taken to his fathers Oct. 2, 1877, at the age of 81), after performing the duties and functions of Rabbi to the local Jewish community for more than forty-five years, was, from his amiability and benevolence, characterised by many Gentile friends as "an Israelite indeed, in whom is no guile."

Hon. G. M. Yorke.—Brother to the late Earl of Hardwicke, and born in 1809, Mr. Yorke, on finishing his University education, entered the army, obtaining a commission in the Fourth Dragoons; and, considering his subsequent connection with Birmingham in a widely different character, it is curious that his first visit here should have been paid as an officer of dragoons in the Chartist riots of 1839. Mr. Yorke's personal tastes, however, led him to prefer the Church to the army, and he entered into holy orders, the Bishop of Worcester, in 1844, presenting him to the rectory of St. Philip's; and at a later period he was nominated Rural Dean. Mr. Yorke held the living of St. Philip's for the long period of thirty years—until 1874—when the Prime Minister appointed him Dean of Worcester. During his residence in Birmingham Mr. Yorke did much public service in connection with various educational institutions. He promoted good schools in St. Philip's parish, and was an active member of the committee of the Educational Prize Scheme, and then of the Education Aid Society, both of them institutions which were of great value in their day. He also took a strong interest in the affairs of Queen's College, of which he was for many years the Vice-president. In the Diocesan Training College, at Saltley, he

likewise took part as a member of the managing body and he was interested in the School of Art and the Midland Institute. Wherever, indeed, there was educational work to be done, the Rector of St. Philip's was sure to be found helping in it; and though there have been many Rectors at the church it can be truly said that none left more regretted by the poor, notwithstanding the aristocratic handle to his name, than did Mr. Yorke. The Hon. and Rev. gentleman died at Worcester, Oct. 2, 1879.

J. C. Miller.—The Rev. John Cale Miller (born at Margate, in 1814), though only thirty-two, had already attracted the notice of the Evangelical party in the Church, and his appointment to St. Martin's (Sept. 1846), gave general satisfaction. His reputation as a preacher had preceded him, and he soon diffused a knowledge of his vigour as a worker, and his capacity as an administrator. Few men have entered so quickly into popular favour as Dr. Miller did, which may, perhaps, be accounted for by the fact that he not only showed a sincere desire to live in harmony with the Dissenters of all shades, but that he was prepared to take his full share in the public work of the town, and determined to be the minister—not of any section of the people, but of the parish altogether. Under his direction St. Martin's became a model parish. New facilities were afforded for public worship, schools were established, parochial institutions multiplied under his hand, an ample staff of curates and scripture-readers took their share of labour, and the energies of the lay members of the congregation were called into active exercise. To the Grammar School, the Midland Institute, the Free Libraries, the Hospitals and Charities of the town, the Volunteer movement, &c., he gave most assiduous attention, and as long as he remained with us, his interest in all public matters never failed. In the early part of 1866, Dr. Miller was

presented to the living at Greenwich, taking his farewell of the townspeople of Birmingham at a meeting in the Town Hall, April 24, when substantial proof of the public goodwill towards him was given by a crowded audience of all creeds and all classes. A handsome service of plate and a purse of 600 guineas were presented to him, along with addresses from the congregation of St. Martin's, the Charity Collections Committee, the Rifle Volunteers (to whom he had been Chaplain), the Committees of the Hospitals, and from the town at large. The farewell sermon to St. Martin's congregation was preached April 29. In 1871 Dr. Miller was appointed residential Canon of Worcester, which preferment he soon afterwards exchanged for a Canonry at Rochester as being nearer to his home, other honours also falling to him before his death, which took place on the night of Sunday, July 11, 1880.

George Peake.—The Rev. G. Peake, Vicar of Aston, from 1852 to his death, July 9, 1876, was a ripe scholar and archaeologist, a kind-hearted pastor, and an effective preacher.

Isaiah Birt.—Mr. Isaiah Birt, a native of Coleford, undertook the pastorate of Cannon Street in 1800, holding it until Christmas, 1825, when from ill-health he resigned. The congregation allowed Mr. Birt an annuity of £100 until his death, in 1837, when he had reached 80 years of age.

Thomas Potts.—The Rev. Thomas Potts, who died in the early part of December, 1819, at the age of sixty-and-six, was, according to the printed funeral oration pronounced at the time, "an accurate, profound, and cautious theologian," who had conducted the classical studies at Oscott College for five-and-twenty years with vigour and enthusiasm, and "a grandeur of ability peculiarly his own."

Sacheverel.—Dr. Sacheverel, the noted and noisy worthy who kicked up such a rumpus in the days

of Queen Anne, was a native of Sutton Coldfield, and his passing through Birmingham in 1709 was considered such an event of consequence that the names of the fellows who cheered him in the streets were reported to Government.

Pearce.—Ordained pastor of Cannon Street, Aug. 18, 1790. Mr. Pearce, in the course of a short life, made himself one of the most prominent Baptist divines of the day, the church under his charge increasing so rapidly that it became the source of great uneasiness to the deacons. Mr. Pearce took great interest in the missionary cause, preaching here the first sermon on behalf of the Baptist Missionary Society (Oct., 1792), on which occasion £70 was handed in; he also volunteered to go to India himself. Suffering from consumption he preached his last sermon Dec. 2, 1798, lingering on till the 10th of October following, and dying at the early age of 33. He was buried at the foot of the pulpit stairs.

Slater.—Hutton says that an apothecary named Slater made himself Rector of St. Martin's during the days of the Commonwealth, and that when the authorities came to turn him out he hid himself in a dark corner. This is the individual named in Houghton's "History of Religion in England" as being brought before the Court of Arches charged with having forged his letters of orders, with preaching among the Quakers, railing in the pulpit at the parishioners, swearing, gambling, and other more scandalous offences.

Scholefield.—The pastor of the Old Meeting Congregation in 1787 was named Scholefield, and he was the first to properly organise Sunday Schools in connection with Dissenting places of worship.

Robert Taylor.—The horrible title of "The Devil's Chaplain" was given the Rev. Robert Taylor, B.A., who in 1819-20 was for short periods curate at Yardley and at St. Paul's in this town. He had been educated for the Church, and matriculated well, but adopted

such Deistical opinions that he was ultimately expelled the Church, and more than once after leaving here was imprisoned for blasphemy.

Charles Vince.—Charles Vince was the son of a carpenter, and was a native of Surrey, being born at Farnham in 1823. For some years after reaching manhood Mr. Vince was a Chartist lecturer, but was chosen minister of Mount Zion Chapel in 1851, and remained with us till Oct. 22, 1871, when he was removed to the world above. His death was a loss to the whole community, among whom he had none but friends.

John Webb.—The Rev. John Webb, who about 1802 was appointed Lecturer at St. Martin's and Minister of St. Bartholomew's was an antiquarian scholar of some celebrity; but was specially valued here (though his stay was not long) on account of his friendship with Mendelssohn and Neukomm, and for the valued services he rendered at several Festivals. He wrote the English adaptation of Winter's "Timoteo," or "Triumph of Gideon," performed at the Festival of 1823, and other effective pieces before and after that date, interesting himself in the success of the Triennials for many years. He died February 18, 1869, in Herefordshire.

William Wollaston.—That eminent English divine, the Rev. William Wollaston, who was born in the neighbouring county of Stafford, in 1659, was for several years assistant, and afterwards head master at our Free Grammar School, but, coming into a rich inheritance, retired. He died in 1721.

And so the list might go on, with such names as the Rev. Charles Curtis, of St. Martin's (1784) the Rev. E. Barn, of St. Mary's (1818), the Rev. John Cook, of St. Bartholomew's (1820), the Rev. W. F. Hook, of Mosley (1822), afterwards Dean of Christchurch; Dr. Outram, of St. Philip's (who died in 1821); Rann Kennedy, of St. Paul's; G. S. Bull, of St.

Thomas's; with I. C. Burratt, of St Mary's, and many other clergymen and ministers, who have departed in these later years.

Patents.—The first patent granted to a Birmingham inventor is dated May 22, 1722, it being granted to Richard Baddeley for having "with much pains, labour, and expense, invented and brought to perfection 'An Art for making streaks for binding Cart and Wagon Wheels and Box Smoothing Irons' (never yet practised in this our kingdom) which will be more durable and do three times the service of those made of bar iron," &c., &c. It is not particularly wonderful that the toyshop of England should stand first on the list as regards the number of patent grants applied for and taken out. As Bisset said—

Inventions curious, various kinds of toys,
Engage the time of women, men, and boys;
And Royal patents here are found in scores,
For articles minute—or ponderous ores.

By the end of 1799 the list shows that 92 patents had been granted to Birmingham men after Richard Baddeley had brought out his "patent streaks," and during the present century there have been many hundreds of designs patented or registered, scores of fortunes being made and thousands of hands employed, but often the inventors themselves have sold their rights for trifling amounts or succumbed to the difficulties that stood in the way of bringing their brainwork into practical use. Could the records of our County Asylums be thoroughly inspected, it is to be feared that disappointed inventors would be found more numerous than any other class of inmates. The costs of taking out, renewing, and protecting patents were formerly so enormous as practically to prevent any great improvements where capital was short, and scores of our local workers emigrated to America and elsewhere for a clearer field where to exercise their inventive faculties without being so weighted down by

patent laws. The Patent Law Amendment Act of 1852 was hailed with rejoicing, but even the requirements of that Act were found much too heavy. The Act which came into force Jan. 1, 1884, promises to remedy many of the evils hitherto existing. By this Act, the fees payable on patents are as follow:—On application for provisional specification, £1; on filing complete specification, £3; or, on filing complete specification with the first application, £4. These are all the fees up to the date of granting a patent. After granting, the following fees are payable: Before four years from date of patent, £50; and before the end of eight years from the date of patent, £100. In lieu of the £50 and the £100 payments, the following annual fees may be paid: Before the end of the fourth, fifth, sixth, and seventh years, £10 each year; before the end of the eighth and ninth years, £15 each year; and before the end of the tenth, eleventh, twelfth, and thirteenth years, £20 each year.—If the number of words contained in the specifications constitutes the value of a patent, that taken out by our townsman, James Hardy (March 28, 1844), for an improvement in tube-rolling must have been one of the most valuable ever known. The specifications filled 176 folios, in addition to a large sheet of drawings, the cost of an "office copy" being no less than £12 18s. ! The *Mechanics' Magazine* said it could have all been described in 176 words.

Patriotic Fund.—The local collection for this fund was commenced October, 25, 1854, and closed February 22, 1858, with a total of £12,936 17s. 3d.

Paving.—A "patent" was obtained in 1319, 12th Edw. II., to "take toll on all vendible commodities for three years, to pave the town of Birmingham;" and as the funds thus raised were not sufficient for such a "town improvement," another "patent" for the purpose was procured in 1333, 7th Edw. III., the toll

being fixed at one farthing on every eight bushels of corn. What the paving was in the early part of the present century is best told in the following extract from Bissett's "Magnificent Directory," published in 1800:—

The streets are pav'd, 'tis true, but all the stones

Are set the wrong end up, in shape of cones;
And strangers limp along the best pav'd street,

As if parch'd peas were strew'd beneath their feet,

Whilst custom makes the Natives scarcely feel

Sharp-pointed pebbles press the toe or heel.

About 1819-20 the roadways were stoned with the aid of a steam paving-engine, supplied with a row of six heavy rammers, which dropped on the uneven stones and drove them into the roads, the engine moving about a foot after each series of blows. A wood roadway was laid in Moor Street in April, 1873; and in June, 1874, the Council decided also so to pave New Street, High Street, and Bull Street. At their meeting, June 1876, it was resolved to spend £30,000 a year for six years in paving streets, and they have done all *that*.

Pawnbrokers.—In December, 1789, a Bill was prepared for presentation to Parliament "to suppress all pawnbrokers within the town," and to establish in lieu a general office for pledges. Wonder what our uncles thought of it.

Peace.—A branch of the Workmen's Peace Association was formed December 18, 1871.

Pebble Mill Pool.—The last few years a favourite spot for suicides, no less than thirty-nine persons having drowned themselves there since 1875. Strangely enough there was not a single similar case in the four years preceding, and only three cases of accidental drownings in the last 27 years.

Peck Lane.—Originally called Feck Lane, leading out of New Street, next to the Grammar School, was closed and cleared for the Railway

Station. Steep and narrow as the old thoroughfare was, it was at one time thought quite as much of as Bull Street.

Pearls and Pearl Fisheries.—A few small pearls are occasionally found enclosed in the naacre (or mother-of-pearl) of shells cut up for buttons, &c., but seldom of much value, though it is related that a few years back a pearl thus discovered by a workman, and handed over to his employer, was sold for £40, realising £150 afterwards. In March, 1884, Mr. James Webb, Porchester Street, had the good fortune to find a pearl weighing 31 grains in an Australian shell he was cutting up, and it has been valued at £100. As there is a good market here for pearls, no doubt many others have been found that "have not come to light." A few years back, "pearl fisheries" of rather an extraordinary kind were here and there to be found in the outskirts, the prices of good workable shell having risen to such an extent that it paid to hunt for and dig up the scrap flung away in former years, as much as 15s. to 20s. per bag being obtained for some of these finds. One smart little master who recollected where his scrap was deposited some years before, in the neighbourhood of St. Luke's, paid the spot a visit, and finding it still unbailed upon, set to work, and carted most of it back, and having improved tools, made a handsome profit by this resurrection movement.—See "*Trades*."

Pens.—The question as to who made the first steel pen has often been debated; but though Perry and Mason, Mitchell and Gillott, and others besides, have been named as the real original, it is evident that someone had come before them; for, in a letter written at least 200 years back (lately published by the Camden Society), the writer, Mary Hatton, offered to procure some pens made of steel for her brother, as "neither the glass pens nor any other sort was near so good." Silver pens were advertised for sale in the

Morning Chronicle, in June, 1788, as well as "fountain pens;" and it has been claimed that an American supplied his friends with metallic pens a dozen years prior to that date. There was a Sheffield artisan, too, before our local men came to the front, who made some pens on the principle of the quill, a long hollow barrel, pointed and split; but they were considered more in the light of curiosities than for use, and fetched prices accordingly. Mr. James Perry is said to have given his workmen 5s. each for making pens, as late as 1824; and Mr. Gilott got 1s. each for a gross he made on the morning of his marriage. In 1835, the lowest wholesale price was 5s. per gross; now they can be had at a trifle over 1d. per gross. Even after the introduction of presses for the manufacture of steel pens (in 1829), there was considerable quantities of little machines made here for cutting quill pens, the "grey goose quill" being in the market for school use as late as 1855, and many bankers and others have not yet discarded them. In May, 1853, a quantity of machinery was sent out to America, where many skilled workmen had gone previously; and now our Yankee cousins not only make their own pens, and run us close in all foreign markets, but actually send their productions to Birmingham itself.—See "*Trades*."

People's Hall.—The foundation stone of the People's Hall, corner of Loveday and Princip Streets, was laid on Easter Monday, 1841, by General (then Colonel) Perronet Thompson. The cost of the building was £2,400, and, as its name implies, it was intended, and for a short time used, as a place for assemblies, balls, and other public purposes. Like a number of other "institutions for the people," it came to grief, and has long been nothing more than a warehouse.

Pershore Road was laid out in 1825.

† **Perry Barr.**—Three miles from Birmingham, on the road to Lichfield, is

one of the ancient places that can claim a note in Domesday. Prior to the eighteenth century there had been a wooden bridge over the Tame, the present curiously-built stone erection, with its recesses to protect the wayfarers from contact with crossing vehicles, being put up in 1711-12 by Sir Henry Gough, who received £200 from the county, and contributions from the neighbouring parishes, towards the cost. The date of the early church is unknown, the present one being built and endowed by Squire Gough in 1832. Like other suburbs Perry Barr bids fair to become little more than an offshoot to Birmingham, the road thereto fast filling up with villa and other residences, while churches, chapels, and schools may be seen on all hands. The Literary Institute, built in 1874, at a cost of £2,000, contains reading and class rooms, lecture hall, &c., while not far off is a station on the L. and N.W. line. Perry Hall, the seat of the Hon. A. C. G. Calthorpe, has been the home of the Lords of the Manor for many generations.

Pest and Plague.—The year 1665 is generally given as the date of "the great plague" being here; but the register of St. Martin's Church does not record any extraordinary mortality in that year. In some of the "news sheets" of the 17th century a note has been met with (dated Sept. 28, 1631), in which the Justices of the Peace inform the Sheriff that "the plague had broken out in Deritend, in the parish of Aston, and spread far more dangerously into Birmingham, a great market town." St. Martin's registers of burials are missing from 1631 to 1655, and those of Aston are not get-at-able, and as the latter would record the deaths in Deritend, there does not appear any certain data to go upon, except that the plague was not a casual visitor, having visited Coventry in 1603 and 1625, Tamworth in 1606 and 1625, and Worcester in 1825 and 1645, the date generally given (1665) being that of the year when the most

deaths 68,596, occurred in London. The tradition is that the plague contagion was brought here in a box of clothes conveyed by a carrier from London. It is said that so many persons died in this town that the churchyard would not hold the bodies, and the dead were taken to a one-acre piece of waste land at Lidywood Green, hence known for many generations as the "Pest Ground." The site has long been built over, but no traces of any kind of sepulture were found when house foundations were being laid.

Pewter.—To have bright pewter plates and dishes ranged on their kitchen shelves was once the delight and the pride of all well-to-do housewives, and even the tables of royalty did not disdain the pewter. At the grand dinner on George IV.'s Coronation-day, though gold and silver plate was there in abundance for the most noble of the noble guests, the majority were served on brightly-burnished pewter, supplied from Thomason's of Birmingham. The metal is seldom seen now except in the shape of cups and measures used by publicans.

Philanthropic Collections.—The following are a few not mentioned in previous pages:—A local fund for the relief of sufferers by famine in Asia Minor was opened May 6, 1875, the amount collected being £682. — In 1875, a little over £1,700 was gathered to aid the sufferers from the inundations in France that year. — November 25, 1878, at a meeting held to sympathise with the losers through the failure of the Glasgow Bank more than £1,000 was subscribed; £750 being gathered afterwards. — The Mayor's Relief Fund, in the winter-time of 1878-79, totalled up to £10,242, of which £9,500 was expended in relief, £537 in expenses, and the balance divided between the Hospitals. The number of separate gifts or donations to the poor was 500,187, equivalent to relieving once 108,630 families.

Philanthropic Societies.—Are as numerous as they are various, and the amount of money, and money's worth, distributed each year is something surprising. The following are the principal ones:—

Aged Women.—A society was commenced here in 1824 for the relief of poor women over 60 years of age, and there are now on the books the names of nearly 200 who receive, during the year, in small amounts, an average of 17s to 18s. each. Miss Southall, 73, Wellington Road, is one of the Hon. Secs., who will be pleased to receive additional subscriptions. Fifty other aged women are yearly benefitted through Fentham's Trust. — See "*Blue Coat School.*"

Architects.—There is a Benevolent Society in connection with the Royal Institute of British Architects, for relieving poor members of the profession, their widows, or orphans. The local representative is Mr. F. Cross, 14A, Temple Row.

Aunt Judy's Work Society.—On the plan of one started in London a few years back; the object being to provide clothes for poor children in the Hospitals. The secretary is Mrs. W. Lord, Braken-dale, Farquhar Road, Edgbaston.

Bibles, &c.—The Birmingham Depository of the British and Foreign Bible Society is at 40, Paradise Street; and that of the Christian Knowledge Society is at 92, New Street.

Boarding-out Poor Children.—A Ladies' Society for Befriending Pauper Children by taking them from the Workhouse and boarding them out among cottagers and others in the country, had been quietly at work for some dozen years before the Marston Green Homes were built, but whether the latter rule-of-thumb experiment will prove more successful than that of the ladies, though far more costly, the coming generation must decide.

Boatmen's Friend Society.—A branch of the British Seamen's and Boatmen's Friend Society, principally for the supply of religious education to the

boatmen and their families on the canals, the distribution among them of healthy literature, and the support of the work carried on at the Boatmen's Hall, Worcester Wharf, where the Superintendent (Rev. R. W. Cusworth) may be found. The subscriptions in 1882 amounted to £416.

Church Pastoral Aid Society.—The name tells what subscriptions are required for, and the Rev. J. G. Dixon, Rector of St. George's, will be glad to receive them. The grants of the Parent Society to Birmingham in 1882 amounted to £3,560, while the local subscriptions were only £1,520.

Clergymen's Widows.—The Society for Necessitous Clergy within the Archdeaconry of Coventry, whose office is at 10, Cherry Street, has an income from subscriptions, &c., of about £320 per year, which is mainly devoted to grants to widows and orphans of clergymen, with occasional donations to disabled wearers of the cloth.

Derivend Visiting and Parochial Society, established in 1856. Meeting at the Mission Hall, Heathmill Lane, where Sunday Schools, Bible classes, Mothers' Meetings, &c., are conducted. The income for 1883 was £185 7s. 4d., and the expenditure £216 16s. 7d., leaving a balance to be raised.

District Nursing Society, 56, Newhall Street, has for its object the nursing of sick poor at their own homes in cases of necessity. In 1883 the number of cases attended by the Society's nurses was 312, requiring 8,344 visits.

Domestic Missions, of one kind and another, are connected with all the principal places of worship, and it would be a difficult task to enumerate them. One of the earliest is the Hurst Street Unitarian, dating from 1839.

Flower Mission—At No. 3, Great Charles Street, ladies attend every Friday to receive donation of flowers, &c., for distribution in the wards of the Hospitals, suitable texts and passages of Scripture accompanying the gifts to the patients.

Girls' Friendly Society.—The local Branch, of which there are several sub (or parochial) branches, has on its books near upon 1,400 names of young women in service, &c., whose welfare and interests are looked after by a number of clergymen and ladies in connection with the Church of England.

Humane Society.—A Branch on the plan of the London Society was established here in 1790, but it was found best to incorporate it with the General Hospital in 1803.

India.—A Branch of the Christian Vernacular Education Society for India was formed here in 1874. There are several branches in this town and neighbourhood of the Indian Female Normal School and Instruction Society for making known the Gospel to the women of India, and about £600 per year is gathered here.

Iron, Hardware, and Metal Trades' Pension Society was commenced in this town in 1842. Its head offices are now in London; the local collector being Mr. A. Forrest, 32, Union Street.

Jews and Gentiles.—There are local Auxiliary Branches here of the Anglo-Jewish Association, the Society for Promoting Christianity among the Jews, and the British Society for Propagating the Gospel among Jews, the amounts subscribed to each in 1882 being £72, £223, and £29 respectively.

Kindness to Animals.—Mainly by the influence and efforts of Miss Julia Goddard, in 1875, a plan was started of giving prizes among the scholars and pupil teachers of the Board Schools for the best written papers tending to promote kindness to animals. As many as 3,000 pupils and 60 teachers send papers in every year, and the distribution of 500 prizes is annually looked forward to with interest. Among the prizes are several silver medals—one (the champion) being given in memory of Mr. Charles Darwin, another in memory of Mr. E. F. Flower, a third (given by Mr. J. H. Chamberlain) in memory of Mr. George Dawson, and a fourth given by the Mayor.

Ladies' Useful Work Association.—Established in 1877 for the inculcating habits of thrift and the improvement of domestic life among mothers of families and young people commencing married life. A start was made (Oct. 4) in the shape of a series of "Cookery Lessons," which were exceedingly well attended. Series of useful lectures and lessons have followed since, all bearing on home life, and as it has been shown that nearly one-half of the annual number of deaths in Birmingham are those of children under 5 years of age, it is to be hoped that the "useful work" the ladies of the Association have undertaken may be resultative in at least decreasing such infantile mortality. Office, No. 1, Broad Street Corner. In March, 1883, the ladies had a balance in hand of £83.

Needlework Guild.—Another Ladies' Association of a similar character to the above was established April 30, 1883.

Negroes' Friends.—When slavery was as much a British as American institution it was not surprising that a number of lady residents should form themselves, in 1825, into a Negroes' Friend Society. The funds now collected, nearly £170 a year, are given in grants to schools on the West Coast of Africa and the West Indies, and in donations to the Freedmen's Aid Society, the Anti-Slavery Society, &c.

Old Folks' Tea Party.—In 1857, a few old people were given a treat just prior to Christmas, and the good folks who got it up determined to repeat it. The next gatherings were assembled at the Priory Rooms, but in a few years it became needful to engage the Town Hall, and there these treats, which are given biennially, are periodically held. At the last gathering there attended over 700, not one of whom was under sixty years of age, while some were long past their threescore and ten, and a few bordered on ninety. The funds are raised by the sale of tickets (to be given by the purchasers to such old people they think

deserve it), and by subscriptions, the recipients of the treat not only having that enjoyment, but also take home with them warm clothing and other usefuls suited to their time of life.

Prevention of Cruelty to Animals.—A Birmingham Society for this purpose was established in 1852, and its officers have frequently been the means of punishing inhuman brutes who cruelly treated the animals entrusted to their care. Cases of this kind should be reported to Mr. B. Scott, the Society's Secretary, 31, Bennett's Hill. In 1882, 125 persons were summoned, and 107 of them convicted, the year's expenditure being £344.

Religious Tract Society.—A local auxiliary was established here in 1853 in which year £409 were realised, by the sale of books, tracts, and religious periodicals; in 1863 that amount was quadrupled; in 1873 the receipts were nearly £2,000. Last year (1883) the value of the sales reached £2,597, and, in addition, there had been free grants made of more than 13,000 tracts and magazines—the Hospitals, Lunatic Asylums, Workhouses, Police Stations, Cabmen's Rests, &c., being supplied gratuitously.

St. John Ambulance Association.—The Birmingham Branch of this Association was organised in 1881, and some hundreds of both sexes have since then passed the examination, and obtained certificates of their proficiency in ambulance work, and in the treatment of ordinary cases of accident or sudden illness. It would be a good thing if every man and woman in the town had similar knowledge, and would make use of it when occasions require quick thought and ready hand. The secretary is Mr. J. K. Patten, 105, Colmore Row.

St. Thomas's Day Charity.—A very old custom in Edgbaston has been the collection of donations for a Christmas distribution to the poor and old of the parish. Regular accounts have been booked for over fifty years, but

how much longer the custom has existed is uncertain. At first, money only was given, afterwards part was given in bread and packets of tea, while of later years a stock of about 500 blankets has been provided for lending out. The receipts per year are about £200.

True Blues.—In 1805 a number of young men who had been brought up at the Blue Coat School and who called themselves the "Grateful Society," united their contributions and presented that charity with £52 10s. 3d. in gratitude for the benefits they had received, a worthy plan which was followed for several years. These same young men originated the "United Society of True Blues" (composed of members who had been reared in the School) for the purpose of forming a fund for the relief of such of their number as might be in distress, and further to raise periodical subscriptions for their old school, part of which is yearly expended in prizes among the children.

Philanthropic and Benevolent Institutions—Birmingham cannot be said ever to have wanted for charitable citizens, as the following list of philanthropic institutions, societies, and trusts will show:—

Blind Institution, Carpenter Road, Edgbaston.—The first establishment in this town for teaching the blind was opened at 113, Broad Street, in March, 1847, with five boarders and twelve day pupils. At Midsummer, in the following year, Islington House was taken, with accommodation for thirteen resident and twelve day scholars, but so well did the public meet the wishes of the patrons and committee of the Institution, that the latter were soon in a position to take upon lease a site for a permanent building (two acres, at £40 a year for 99 years), and on the 23rd of April, 1851, the corner-stone was laid of the present handsome establishment near to Church Road, the total cost of completion being about £7,000. Nearly another £7,000 has

since been expended in the erection of workrooms, master's residence, in furniture, musical instruments, tools, &c., and the Institution may be considered in as flourishing a condition as any in the town. The 37th annual report (to Lady-day, 1884), stated that the number of in-door pupils during the past year had been 86—viz., 51 males and 35 females. In the same period 4 paid teachers, 15 out-door blind teachers and workmen, and 4 females had been employed. The number of adult blind residing at their own homes, and visited by the blind teachers engaged in this department of the work was 253. The total number of persons benefited by the institution was therefore 362. The financial statement showed that the expenditure had been £6,067 2s. 7d., of which £1,800 had been invested in Birmingham Corporation Stock. The receipts amounted to £6,403 7s. 9d., leaving a balance of £336 5s. 2d. in the treasurer's hands. The statement of receipts and payments on behalf of the adult blind home-teaching branch, which are kept separately, showed a balance due to the treasurer of £71 5s. 9d.

Bloomsbury Institution.—Commencing in 1860 with a small school, Mr. David Smith has gradually founded at Bloomsbury an institution which combines educational, evangelistic, and missionary agencies of great value to the locality. The premises include a mission hall, lecture room, class rooms, &c., in addition to Cottage Homes for orphan and destitute children, who are taught and trained in a manner suited to the future intended for them in Canada. The expenditure of the Institution is now about £1,500 a year, but an amount equal to that is wanted for enlargement of buildings, and other philanthropists will do well to call upon their brother Smith.

Children's Day Nursery, The Terrace, Bishopgate Street, was first opened in 1870, to take care of the children in cases where the mothers, or other guardians, have to go to work.

About 6,000 of the little ones are yearly looked after, at a cost of somewhat under £200. Parties wishing to thus shelter their children must prove the latter's legitimacy, and bring a recommendation from employer or some one known to the manager.

Children's Emigration Homes, St. Luke's Road.—Though ranking among our public institutions, the philanthropic movement of picking up the human waifs and strays of our dirty back streets may be said to have hitherto been almost solely the private work of our benevolent townsman, Mr. Middlemore. The first inmate received at the Homes (in 1872) was a boy who had already been in prison three times, and the fact that that boy is now a prosperous man and the owner of a large farm in Canada, should be the best of all claims to the sympathy and co-operation of the public in the beneficent work of placing our "Street Arabs" in new homes where they will have equal chances of getting on in the world. The batch of children leaving this town (June 11, 1884), comprised 110 boys and 50 girls, making the total number of 912 sent out by Mr. Middlemore in the twelve years.—In connection with the Bloomsbury Institution there is also a Children's Home, from which 23 children have been sent to Canada, and at which some 30 others are at present being trained ready to go.

Deaf and Dumb Institution, Church Road, Edgbaston.—This is the only institution of its kind within a radius of a hundred miles, and was the second established in England. Its founder was Dr. De Lys, an eminent physician, resident here in 1810, in which year a society was established for its formation. The first house occupied was in Calthorpe Road (1812), Lord Calthorpe giving the use of the premises until the erection of the institution in Church Road, in 1814. The school, at first, would accommodate only a score of pupils, but from time to time

additions were made, and in 1858 the whole establishment was remodelled and enlarged, at a cost of £3,000, so that now there is room for 120. The number on the books at Midsummer, 1883, was 109—64 boys and 45 girls. The year's receipts amounted to £3,152 12s. 4d., and the expenditure to £2,982 12s. 8d. The children, who are elected at the annual meeting of subscribers in September, are received from all parts of the kingdom, but must not be under eight or over thirteen years of age. Subscribers of a guinea have the right of voting at the elections, and the committee have also power to admit children, on an annual payment of £25. The parents or guardians of the elected candidates, must pay £6 per year towards clothing, &c. The office of the Secretary is at City Chambers, 82 New Street.

Friendless Girls.—The Ladies' Association (established 1878) for the recovery of girls who have given way to temptation for a short time, or who have been convicted of a first offence, has been the means of rescuing many from the streets and from a life of crime. The Home is in Spring Road, and Mrs. Pike, Sir Harry's Road, is the treasurer, to whom contributions can be sent; and that they will be welcome is shown by the fact that there is a balance at present against the Institution's funds.

Girls' Home, Bath Row, established in 1851, to provide shelter for young women of good character, when out of situations. A free registry is kept, and over 300 girls avail themselves of the Home every year.

Girls' Training Institution, George Road, Edgbaston, was opened in 1862, to prepare young girls from twelve to fifteen, for domestic service.

Industrial and Reformatory Schools.—Gem Street Industrial School, for the recovery of boys who had begun a life of crime, was opened in 1850, and at the close of 1883 it contained 149 boys, under the charge of nine officers.

According to the report of Her Majesty's Inspector, the boys cost 7s. 8d. per head per week, but there was an industrial profit of £601 11s. 4d., £309 0s. 11d. having been received for hire of boys' labour. The Treasury paid £1,350 14s., the rates no less than £1,007 18s. 11d., and subscriptions brought in £83 13s. Of 125 discharges, only 40 per cent. were reported to be doing well, 4 per cent. convicted, 16 per cent. doubtful, and as many as 40 per cent. unknown. — *Penn Street School*, an establishment of a similar character, was certified in Jan., 1863. There were 60 boys and 5 officers. The boys cost only 5s. 6d. per head per week. The school received £673 16s. 11d. from the Treasury, £275 0s. 10d. from the rates, £93 2s. from subscriptions, and £100 9s. 3d. from the hire of boy labour. There is an industrial profit of £136 19s. 11d. Of 37 discharges 70 per cent. are said to be doing well, 6 per cent. to be re-convicted, 3 per cent. dead, and 21 per cent. unknown. — *At Shustoke School*, certified in February, 1868, there were 130 boys, under 11 officers. The boys cost 6s. 8d. per head per week. £1,580 17s. 11d. had been received from the Treasury; £1,741 16s. from the rates, of which, however, £1,100 had been spent in building, &c.; industrial profit, £109 3s. 7d. Of 27 discharges 74 per cent. were reported to be doing well, 18 per cent. to be convicted, 4 per cent. to be doubtful, and 4 per cent. to be unknown. — *Salley Reformatory* was established in 1852. There were 91 boys under detention and 16 on license at the time of the inspector's visit; 9 officers. This school received £1,371 14s. 3d. from the Treasury, £254 19s. 1d. from the rates, and £99 16s. 6d. from subscriptions. The boys cost 6s. 8d. per head per week, and there was £117 9s. 10d. industrial profit, representing the produce of their labour. Of 74 boys discharged in 1879-81, 69 per cent. are reported to be doing well, 19 per cent. to be re-convicted, and 12 per cent. unknown.

— *At Stoke Farm Reformatory*, established in 1853, there were 78 boys under detention, in charge of 10 officers; and 19 on license. Stoke received £1,182 19s. 8d. from the Treasury, £102 17s. 6d. from the rates, and £100 from subscriptions. The boys cost 6s. 11d. per head per week, and there was an industrial profit of £18 14s. 11d. Of 62 boys discharged in 1879-81, 76 per cent. were reported to be doing well, 16 per cent. to be convicted of crime, 5 per cent. doubtful, $\frac{1}{2}$ per cent. dead, $\frac{1}{2}$ per cent. unknown.

Licensed Victuallers' Asylum, Bristol Road, founded in 1848, to receive and maintain for life distressed members of the trade and their wives or widows. — The Secretary is Mr. H. C. Edwards, The Quadrant, New Street. — See "*Trade Societies*."

Little Sisters' Home. — Founded in 1864, by three French and two English members of the Catholic "Order of Little Sisters of the Poor," the first home being at one of the large houses in the Crescent, where they sheltered, fed, and clothed about 80 aged or broken-down men and women. In 1874 the Sisters removed to their present establishment, at Harborne, where they minister to nearly double the number. The whole of this large family are provided for out of the scraps and odds-and-ends gathered by the Sisters from private houses, shops, hotels, restaurants, and bars of the town, the smallest scraps of material crusts of bread, remains of meat, even to cigar ends, all being acceptable to the black-robed ladies of charity daily seen in the town on their errand of mercy. Though essentially a Catholic institution, the "Little Sisters" bestow their charity irrespective of creed, Protestants being admitted and allowed freely to follow their own religious notions, the only preference made being in favour of the most aged and destitute.

Magdalen Asylum and Refuge. — First established in 1823, the chapel in Broad Street being opened in 1839.

Removed to Clarendon Road, Edgbaston, in 1860. There are usually from 35 to 40 inmates, whose labour provides for great part of the yearly expenditure; and it is well that it is so, for the subscriptions and donations from the public are not sent in so freely as could be wished. The treasurer is Mr. S. S. Lloyd.

Medical Mission.—Opened in Floodgate Street, Deritend, in 1875. While resembling other medical charities for the relief of bodily sickness, this mission has for its chief aim the teaching of the Gospel to the sick poor, and in every house that may be visited. That the more worldly part of the mission is not neglected is shown by the fact that the expenditure for the year ending Michaelmas, 1883, reached £643.

Night Refuges.—Mr. A. V. Fordyce, in July, 1880, opened a night asylum in Princess Road, for the shelter of homeless and destitute boys, who were supplied with bed and breakfast. The necessity for such an institution was soon made apparent by larger premises being required, and the old police station, corner of Bradford Street and Alcester Street, was taken. This has been turned into a "Home," and it is never short of occupants: other premises being opened in 1883, close to Deritend Bridge, for the casual night-birds, the most promising of whom are transferred to the Home after a few days' testing. A somewhat similar Refuge for Girls has also been established, and if properly supported by the public, these institutions must result in much good.

Nurses.—The Birmingham and Midland Counties' Training Institution for Nurses, organised in 1868, has its "Home" in the Crescent. It was founded for the purpose of bringing skilled nursing to the homes of those who would otherwise be unable to obtain intelligent aid in carrying out the instructions of their medical attendants. The subscription list for 1882 amounted to £282 1s., and the

sum to the credit of the nurses' pension fund to £525 1s. The committee earnestly appeal for increased support, to enable them to extend the work of the institution, from which at present the services of four nurses are granted to the District Nursing Society, New-hall Street, for attendance on the sick poor. The staff included 66 trained nurses, with 18 probationers, the latter passing for their training through the General, Children's, and Homeopathic Hospitals. The nurses from the "Home" attend on an average over 500 families in the year, those from the District Society conferring their services on nearly 200 other families.

Protestant Dissenting Charity School, Graham Street.—This is one of the oldest of our philanthropical institutions, having been established in 1760—the first general meeting of subscribers being held June 22, 1761. The first house taken for the purposes of the charity was in New Meeting Street, and both boys and girls were admitted, but since 1813 only girls have received its benefits. These are taken from any locality, and of any Protestant denomination, being house, fed, clothed, educated and trained for domestic servants. There are usually about 45 to 48 inmates, the cost per child averaging in 1883 (for 56 girls) nearly £20 per head. At the centenary in 1861 a fund of nearly £1,500 was raised by public subscription in aid of the institution, which has but a small income from investments. Subscribers of a guinea per year have the right of nominating and voting for the admission of one child every year. The present home in Graham Street was erected in 1839, and application should be made to the matron for information or for serv nt girls.

Sanatorium, situated at Blackwell, near Bromsgrove.—This establishment, which cost £15,750, of which £2,000 was given by Miss Ryland, was built to provide a temporary home, with pure air, rest, and nourishing diet for convalescent patients, who

otherwise might have had to pine away in the close-built quarters of this and neighbouring towns. The buildings, which will accommodate sixty persons, were opened April 16, 1873, and take the place of a smaller establishment to which Miss Ryland had devoted for some years a house at Sparkbrook. The average number of inmates is put at fifty, and the number who passed through the house in 1883 was 1,052, the expenditure for the year being £1,780 8s. The income was derived from annual subscriptions, £901 10s.; special subscriptions, £347 11s. 6d.; paid by hospitals for maintenance of patients, £192 6s.; grant from the General Hospital, £26 5s.; share of Hospital Saturday collection, £211 0s. 4d. The Secretary, from whom all information can be received as to terms of special and other tickets, is Mr. E. J. Bigwood, 3, Temple Row West.

Servants' Home and Training Institution, established in 1860, finds shelter for a time to as many as 240 young women in the course of a year, many looking upon it as the only home they have when out of a situation. In connection with it is a "training school" and laundry, where a score or more girls are taught. Both parts of the institution pay their way, receipts and expenditure (£180 and £350 respectively) generally balancing. The Servants' Home is at 30, Bath Row, where there is a Registry for servants, and also for sick and monthly nurses.

Town Mission—Established in 1837, and re-modelled in 1850. This institution seeks work in a variety of ways, its agents visiting the homes of the poor, the wards of the Hospitals, the lodging-houses, and even the bedsides of the patients in the smallpox and fever hospitals. In addition to the providing and looking after the "Calmen's Rests," of which there are sixteen in the town, the Mission employs a Scripture reader specially to deal with the deaf and dumb members of the community, about 200 in number.

At the Noel Road Refuge (opened in 1859) about 40 inmates are received yearly, and at Tindal House (opened in 1864) about half that number, the two institutions having (to end of 1883) sheltered 1,331 females, of whom nearly a thousand have been brought back to moral and industrious habits. The income of the Society for 1883 was £1,690 17s. 3d., the expenditure being a little over that amount, though the laundries connected with the Refuges more than pay their way. The office is at the Educational Chambers, 90, New Street.

Young Men's Christian Association.—Instituted in 1849; incorporated in 1873. For many years its meetings were held at the Clarendon Chambers, but when the notorious "Sultan Divan" was closed in Needle Alley, it was taken for the purposes of this institution, the most appropriate change of tenancy that could possibly be desired, the attractions of the glaring dancing-rooms and low-lived racket giving place to comfortable reading-rooms, a cosy library, and healthy amusements. Young men of all creeds may here find a welcome, and strangers to the town will meet friends to guide them in choice of companions, or in securing comfortable homes.—A similar Association is that of the Church of England Y.M.C.A., at 30, Paradise Street, which was commenced in 1849, and numbers several hundred members.—At a Conference held Nov. 24, 1880, it was decided to form a Midland District Union of Y.M.C.A.s in this and the surrounding counties.

Young Women's Christian Association, 3, Great Charles Street.—The idea of forming an institute for young women was first mooted in 1874, a house being taken for the purpose in Colmore Row in 1876, but it was removed to Great Charles Street in 1882, where lodgings may be obtained for 2s. 6d. a week. From returns sent in from various branches in connection with the Association, it would appear that the number of members in Bir-

mingham was 1,500, which says much for its popularity among the class it was intended to benefit.

Philanthropic Trust Funds.—

That our predecessors forgot not charity is well proved, though some of the "Trusts" read strangely in these days.

Apprenticing Poor Boys.—A favourite bequest in past days was the leaving of funds for apprenticing poor lads to useful trades, and when workmen were so scarce and valuable that the strong arm of the law was brought in to prevent their emigrating or removing, doubtless it was a useful charity enough. Now-a-days the majority of masters do not care about the small premiums usually paid out of these trusts, and several such charities have been lost sight of or become amalgamated with others. The funds, however, left by George Jackson, 1696, and by Richard Scott, 1634, are still in the hands of trustees, and to those whom it may concern, Messrs. Horton and Lee, Newhall street, solicitor to both trusts, will give all needful information.

Banner's Charity.—Richard and Samuel Banner, in 1716, left some land at Erdington, towards providing clothing for two old widows and half-a-dozen old men, the balance, if any, to be used in apprenticing poor boys in Birmingham.

Dudley Trust.—Mr. William Dudley, at his decease in 1876 left £100,000 on trust for the purpose of assisting young tradesmen commencing business on their own account, to relieve aged tradesmen of the town who had not succeeded in life, and lastly to benefit the charities of the town. The rules require that applicants must be under fifty years of age; that they must reside within the limits of the borough; that they must not have been set up in business more than three years; that they must give satisfactory proof of their honesty, sobriety, and industry; and that they must give satisfactory security to the

Trustees, either personal, viz., by bond with two or more sureties [each surety must give two or three references], or upon freehold, copyhold, or leasehold properties. All these conditions being satisfactorily met, the loans, which will be made free of cost, will bear interest at $2\frac{1}{2}$ per cent. per annum, payable half-yearly, and must be repaid within five years, and if the money is wanted for more than two years, repayments by instalments must then commence. The benefactions to aged persons take the shape of grants, annual or otherwise, not exceeding £20 in any one year, in favour of persons who fulfil the following requirements: They must be of the age of sixty years at least, they must have been tradesmen within the limits of the borough; and they must be able to show to the satisfaction of the Trustees that they are of good character and need assistance, and that they have not received any parochial relief. The Trustees have made several large grants to charitable institutions. Offices: 20, Temple Row.

Fentham's Charity.—In 1712 George Fentham left about one hundred acres of land in Handsworth and Erdington Parishes, in trust, to teach poor children to read, and to clothe poor widows. The property, when devised, was worth £20 per year. At the end of the century it was valued at £100 per year; and it now brings in nearly £460. The twenty children receiving the benefits of this charity are admitted to the Blue Coat School, and are distinguished by their dress of dark green. Some fifty widows yearly share in the clothing gifts.

Food and Clothing.—John Crowley, in 1709, bequeathed an annuity of 20s. chargeable on property in the Lower Priory, to be expended in "sixpenny bread" for the poor at Christmas.—Some land at Sutton Coldfield was left, in 1681, by John Hopkins, to provide clothing and food for the poor of St. Martin's.—Palmer's Charity, 1867, funds about £40 per annum, which is distributed among eighty recipients.

selected by the Town Council, the majority being poor old women, who go for their doles Dec. 12th.—In addition to the above there have been a number of minor charities left to the churchwardens for providing food and clothing which have either been lost sight of, or mixed up with others, some dating as far back as 1629-30.

George Hill's Charity is now of the value of nearly £5,000, bringing in about £120 yearly. Of this 52s. goes to the churchwardens of the parish church to provide bread for the most necessitous and aged poor; 20s. to the incumbent of Deritend, and the residue in pensions of not more than £20 to decayed schoolmasters and schoolmistresses.

Hollier's Charity was devised in 1789, the land now known as Highgate Park (originally 10 acres) being left to clothe, annually, twenty poor persons, twelve from Birmingham and eight from Aston. The purchase money paid by the Corporation has been invested, and, under the direction of the Charity Commissioners, the income of this charity is appropriated thus:—£50 for clothing for twelve poor men or women of Birmingham, and eight ditto of Aston; £25 for relieving deserving and necessitous persons discharged from Borough Lunatic Asylum; £150 to the Dispensaries of Birmingham and Aston; £25 each to the Children's Hospital and the Sanatorium; and the remainder to the General Hospital.

James's Trust, or 1869, which realises about £1,000 per year, was left to provide homes and pensions for deserving widows and others; five annuities for poor and decayed gentlewomen; and a scholarship at the Grammar School. The Secretary is the Vicar of St. Clement's, Nechells.

Kyleuppe's Charity.—Sept. 19, 1611. Richard Kyleuppe devised certain land at Sparkbrook for charitable purposes, the income of which is now handed to the General Hospital and General Dis-

pensary, as nearly as possible following the testator's wishes.

Lench's Trust, which dates from 1539, is one of the most important charities of the town, and has an income of over £3,000 a year at present. The original objects of the trust were repairing the streets of the town and relief to the poor. From time to time other charities have been incorporated, and the funds administered with those of Lench's Trust. Among these are the "Bell Rope" fund for purchasing ropes for St. Martin's Belfry, the donor of which is not known; Colmore's Charity, dating from 1565, for relieving the poor and repairing streets; Redhill's and Shilton's (about 1520), for like purposes; Kyleuppe's 1610, for the poor, and a small sum towards repairing the church; Vesey's 1583, known as the "Loveday Croft" gift; Ward's 1573, and Wrexham's, 1568, both for gifts to the poor on Good Friday; Ann Scott's, 1808, providing small amounts to be given to the inmates of the Almshouses, &c. The Trust now maintains four sets of almshouses (Conybere Street, Hospital Street, Ravenhurst Street, and Ladywood) accommodating 184 inmates, all women, who receive 5s. a week each, with firing, medical advice and medicines when necessary, and sundry other small comforts beloved by old grannies. The solicitors to the Trust are Messrs. Horton and Lee, Newhall Street. The income of Lench's Trust for the year 1883 amounted to £3,321 10s., of which £1,825 14s. went to the almshouses, £749 1s. 8d. for matrons, doctors, and expenses at the almshouses, £437 9s. 4d. for repairs, insurance, rates, and taxes, and £309 5s. for clerks, collectors, auditors, law and surveyor's charges, printing, &c.

Milward's Charity.—John Milward in 1654 left property then worth £26 per annum and the Red Lion public-house (worth another £26, but which could never be traced out), to be divided between the governors of the Free Grammar Schools of Birmingham

and Haverfordwest and Brazenose College, for the support at the said college of one student from the above schools in rotation. The Red Lion having been swallowed up at a gulp, the other property would appear to have been kept as a nibbling-cake, for till the Charity Commissioners visited here in 1827 no scholar had ever been sent to college by its means. The railways and canals have taken most of the property of this trust, the invested capital arising from the sales bringing in now about £650 per year, which is divided between the two schools and the college above named, the Birmingham portion being sufficient to pay for two scholarships yearly.

The *Nichol Charity* provides for the distribution of bread and coals to about 100 people on New Year's Day, by the vicar and churchwardens of St. David's.

Old Maids and Widows.—About £40 per year are divided by the Rector and Churchwardens of St. Philip's amongst ten old maids "of single women of virtuous character," and twelve poor widows attending divine service there, the invested money arising from Sheldon's Charity, 1826, and Wilkinson's Charity, 1830.—Thomas Pargeter (of Foxcote) in 1867, left money in trust, to provide annuities of £20 each, to unmarried ladies of fifty-five or more, professing Unitarianism, and about 100 are now reaping the fruit of his charity. Messrs. Harding and Son, Waterloo Street, are the solicitors.

Publuck's Trust, for putting poor boys out apprentice, was devised in 1728, the property consisting of a farm at Winson Green. By direction of the Court of Chancery, the income is now divided, £70 to Gem Street Free Industrial School, and £20 to the British School, Severn Street. The trustees include the Mayor, the Rectors of St. Martin's, St. Philip's, St. Thomas's, St. George's, several Nonconformist ministers, and the Registrar of the Society of Friends.

Preaching Sermons.—By Silsbury's Charity, 1726, the Rectors of St. Martin's and St. Philip's are entitled to the sum of 15s. to preach sermons once a year for the benefit of the Blue Coat School—Ingram's Charity, 1818, consisting of the yearly interest of £500 4 per cent. India Stock, was intended to insure the preaching of a annual sermon on the subject of kindness to animals (especially to the horse) by a local clergyman of the Established Church, but the Governors of King Edward's School, who are the trustees, have obtained the sanction of the Charity Commissioners to a scheme under which sermons on kindness to animals may take the form of one or more free lectures on the kind treatment of animals, and especially of the horse, to be delivered in any place of public worship, or other building or room approved by the trustees, and not necessarily, as heretofore, by a clergyman of the Established Church, and in a church.

Scripture Reading.—In 1558 Admiral Daff left a sum of money, which brings in about £15 per year, for the maintenance of a Scripture Reader for the town of Birmingham. The trustee of this fund is the Mayor for the time being, and the Scripture Reader may be heard of at the Town Clerk's office.

The Whittingham Charity, distributed at St. James's, Ashted, in March, furnishes gifts to about eighty poor people (principally widows), who receive blankets, sheets, quilts, flannel, &c., in addition to bread and coal.

Philosophical Society.—A society with this name was formed in 1794, for the promulgation of scientific principles among mechanics. Its meetings were held in an old warehouse in the Coach Yard, and from the fact that many workmen from the Eagle Foundry attended the lectures, delivered mainly by Mr. Thomas Clarke, the members acquired the name of "the cast-iron philosophers." Another society was formed in 1800, for the diffusion of scientific knowledge amongst the

middle and higher classes, and by the year 1814 it was possessed of a handsome Lecture Theatre, a large Museum, with good collections of fossils and minerals, a Library, Reading Room, &c., in Cannon Street. Like many other useful institutions of former days, the philosophical has had to give way to the realistic, its library of dead men's writings, and its fossils of the ancient world, vanishing in face of the reporters of to-day's doings, the ubiquitous throbs of the "Walter" and "Hoe" steam presses resounding where erst the voice of Science in chronicling the past foreshadowed the future.

Pillory.—This ancient machine for the punishment of prigs formerly stood in High Street. The last time it was used was in 1813. We pillory people in print now, and pelt them with pen and ink. The Act for abolishing this method of punishment was not passed until June 30, 1837. What became of the pillory here is not known, but there is, or was lately, a renovated specimen of the article at Coleshill.

Pinfold Street takes its name from the "pound" or "pinfold" that existed there prior to 1752. There used to be another of these receptacles for straying animals near to the Plough and Harrow in Hagley Road, and a small corner of Smithfield was railled off for the like purpose when the Cattle market was there established. The "Jacob Wilsons" of a previous date held a field under the Lords of the Manor wherein to graze their captured cattle, but one of the Town Criers mortgaged it, and his successors lost their right to the land which was somewhere about Caroline Street.

Places of Worship.—*Established Church.*—In 1620 there were 358 churches in Warwickshire, 130 in Staffordshire, and 150 in Worcestershire; but St. Martin's, Edgbaston, Aston, Deritend, and Handsworth, churches were all that Birmingham could boast of at the beginning of last

century, and the number had not been increased to a very large extent even by the year 1800. As will be seen from the dates given in following pages, however, there was a goodly number of churches erected in the first half of this century, about the end of which period a "Church extension" movement was set on foot. The success was so apparent that a society was formed (Jan., 1865), and in March, 1867, it was resolved to raise a fund of £50,000, for the purpose of at once erecting eight other new churches in the borough, Miss Ryland heading the list of donations with the munificent gift of £10,000. It is difficult to arrive at the amount expended on churches previous to 1840, but the annexed list of churches, built, enlarged, or repaired in this neighbourhood from 1840 to 1875, will give an approximate idea of the large sums thus invested, the whole of which was raised solely by voluntary contributions.

Acock's Green	...	...	£6,405
Aston Brook	...	...	5,000
Balsall Heath	...	...	8,500
Bishop Ryder's	...	...	886
Christ Church	...	...	1,000
Christ Church, Sparkbrook	...	...	9,163
Edgbaston	...	...	2,200
Hay Mills	...	...	6,500
Immanuel	...	...	4,600
King's Heath	...	...	3,900
King's Norton	...	...	5,092
Moseley	...	...	2,491
Saltley	...	...	7,139
St. Alban's	...	...	2,800
St. Andrew's	...	...	4,500
St. Anne's	...	...	2,700
St. Anne's, Moseley	...	...	7,500
St. Asaph's	...	...	7,700
St. Augustine's	...	...	7,800
St. Barnabas'	...	...	3,500
St. Bartholomew's	...	...	1,260
St. Clement's	...	...	3,925
St. Cathbert's	...	...	5,000
St. David's	...	...	6,185
St. Gabriel's	...	...	4,307
St. George's Edgbaston	...	...	1,583
St. James's Edgbaston	...	...	6,000

St. John's, Ladywood	...	7,200
St. Lawrence's	...	4,380
St. Luke's	...	6,286
St. Martin's	...	30,134
St. Matthew's	...	4,850
St. Matthias's	...	5,361
St. Mary's	...	4,503
St. Mary's, Selly Oak	...	5,400
St. Nicholas'	...	4,288
St. Paul's	...	1,400
St. Philip's	...	9,987
St. Saviour's	...	5,273
St. Silas's	...	4,677
St. Stephen's	...	3,200
St. Stephen's, Selly Oak	...	3,771

To the above total of £228,336 expended on churches in or close to the borough, there should be added £57,640 expended in the erection, &c., of churches close at hand in the adjoining diocese of Lichfield; £25,000 laid out at Coleshill, Northfield, and Solihull (the principal residents being from Birmingham); and a still further sum of £150,000 spent on Church-school buildings. These figures even do not include the vast amounts invested for the endowments of the several churches and schools, nor is aught reckoned for the value of the land or building materials where given, nor for the ornamental decorations, fonts, pulpits, windows, and furnishings so munificently lavished on our local churches. Since the year 1875 it has been calculated that more than £100,000 has been devoted to similar local church-building purposes, so that in less than fifty years much more than half-a-million sterling has been voluntarily subscribed by the Churchmen of the neighbourhood for the religious welfare and benefit of their fellow men. Still there is room for more churches and for more preachers, and the Church Extension Society are hoping that others will follow the example of the "Landowner," who, in the early part of the year (1884) placed £10,000 in the hands of the Bishop towards meeting the urgent need of additional provision for the spiritual wants of the inhabitants.—Short notes

of the several churches can alone be given.

All Saints', in the street of that name, leading out of Lodge Road, is a brick erection of fifty years' date, being consecrated September 28, 1833. It was built to accommodate about 700 and cost £3,850, but in 1881 it was enlarged and otherwise improved at an outlay of over £1,500, and now finds sittings for 1,760, a thousand of the seats being free. The Rev. P. E. Wilson, M.A., is the Rector and Surrogate, and the living (value £400) is in the gift of the Birmingham Trust. The Nineveh school room is used for services on Sunday and Thursday evenings in connection with All Saints.

All Saints', King's Heath, is built of stone in the perpendicular Gothic style, and cost £3,200, the consecration taking place on April 27th, 1860. There are sittings for 620, one half being free. The Rev. J. Webster, M.A., is the Vicar; the living (value £220) being in the gift of the Vicar of Moseley, King's Heath ecclesiastical parish being formed out of Moseley parish in 1863.

All Saints', Small Heath.—Rev. G. F. B. Cross, M.A., Vicar. Soon after the death of the Rev. J. Oldknow, D.D., of Holy Trinity, in 1874, it was resolved to carry out his dying wishes by erecting a church in the fast-filling district of Small Heath. At first the iron building formerly used as a place of worship in Cannon Hill Park was put up, and the Vicar was instituted in October, 1875. The foundation-stone of a permanent building was laid Sept. 8, 1882, which accommodates over 1,000 worshippers. That part of the future "Oldknow Memorial Church" at present finished, comprising the nave, north aisle, and north transept, with seating for nearly 700 (all free), was consecrated July 28, 1883. The patronage is vested in trustees, the incumbent's stipend being £150.

All Saints', Stechford.—A temporar

church of iron and wood, erected at a cost of £620, to accommodate 320 persons; all seats being free, was dedicated Dec. 18, 1877.

Aston Church.—It is impossible to fix the date of erection of the first church for the parish of Aston, but that it must have been at a very early period is shown by the entry in the Domesday Book relative to the manor. The parish itself formerly included Bordesley and Deritend, Nechells and Salltley, Erdington and Witton, Castle Bromwich, Ward End, and Waterorton, an area so extensive that the ecclesiastical income was very considerable. In Henry III.'s reign the Dean and Chapter of Lichfield received twenty marks yearly out of the fruits of the rectory, the annual value of which was sufficient to furnish £26 13s. 4d. over and above the twenty marks. Records are in existence showing that the church (which was dedicated to St. Peter and St. Paul) was considerably enlarged about 300 years after the Conquest, and a renovation was carried out nearly a century back, but the alterations made during the last few years (1878-84) have been so extensive that practically it may be said the edifice has been rebuilt. The seating capacity of the old church was limited to about 500, but three times that number of persons will, in future, find accommodation, the cost of the extensions and alterations having been nearly £10,000. The ancient monuments, windows, and tablets have all been carefully replaced in positions corresponding to those they filled formerly, with many additions in the shape of coloured glass, heraldic emblezzments, and chaste carvings in wood and stone. The old church, for generations past, has been the centre-point of interest with local antiquarians, as it was, in the days far gone, the chosen last resting-place of so many connected with our ancient history—the Holtes, the Erdingtons, the Devereux, the Ardens, the Harcourts, the Bracebridges, Clodshalls,

Bagots, &c. Here still may be seen the stone and alabaster effigies of lords and ladies who lived in the time of the Wars of the Roses, two showing by their dress that while one was Lancastrian, the other followed the fortunes of York. The tablets of the Holte' family, *temp.* Elizabeth and Charles, and the Devereux monument of the Jacobean era, are well preserved, while all around the shields and arms of the ancient families, with their many quarterings, form the best heraldic collection anywhere near Birmingham. The parish registers date from the 16th century, and the churchwardens accounts are preserved from the year 1652. Among the facts recorded in the former we may note the burial of the dozen or so Royalist soldiers who lost their lives while defending Aston Hall from the attacks made on it by the Birmingham men in December, 1643; while in both there are quaint entries innumerable, and full of curious interest to the student and historian. The Rev. W. Eliot, M.A., the present vicar, was instituted in 1876 (commencing duty Feb. 25, 1877), the living (£1,600 value) being in the presentation of trustees. In connection with the Church there are Mission Rooms in Tower Road and in Alfred Street, with Sunday Schools, Bible classes, Dorcas, and other societies. The first portion of the late additions to the Church was consecrated July 5, 1880; the new chancel on Sept. 8, 1883.

Bishop Rider's, a square-towered brick edifice in Gem Street, was built in 1837-38, the laying of the foundation stone (August 23, 1837) being characterised by the almost unheard-of conduct of the low denizens of the neighbourhood, who pelted the Bishop of Lichfield with mud on the occasion. The consecration took place Dec. 18, 1838, and the building cost £4,600. The living, valued at £300, is in the hands of trustees, the present vicar being the Rev. J. P. Gardiner. The vicarage,

which was completed in 1862 at a cost of £2,240, is in Sutton Street, Aston Road—too near a residence to the church not being deemed advisable even five-and-twenty years after the opening ceremony of 1837. In 1879 the galleries were removed, and the church re-pewed and otherwise renovated, the re-opening taking place July 28, there being now 860 free sittings.

Christ Church, New Street.—At first known as "The Free Church," this edifice was for no less than ten years in the hands of the builders. The cornerstone was laid July 22, 1805, by Lord Dartmouth, in the absence of George III., who had promised, but was too ill, to be present. His Majesty, however, sent £1,000 towards the building fund. It was consecrated July 13, 1813; finished in 1816; clock put in 1817. The patron is the Bishop of Worcester, and to the living (valued at £350), is attached a Prebendary in Lichfield Cathedral. The present Vicar, since 1881, is the Rev. E. R. Mason, M.A. There is accommodation for 1,500, all the seats being free, but at one time the worshippers were limited in their freedom of sitting by the males having to take their places on one side and the females on the other, a custom which gave rise to the following epigram:

"Our churches and chapels we generally find
Are the places where men to the women are joined;
But at Christ Church, it seems, they are more cruelhearted,
For men and their wives go there and get parted."

Mission services in connection with Christ Church are held in the Pinfold Street and Fleet Street Schoolrooms.

Christ Church, Gillott Road, Summerfield. The foundation stone of a church to be erected to the memory of the late Rev. George Lea (for 43 years connected with Christ Church and St. George's, Edgbaston) was laid Nov. 27,

1883. It is intended to accommodate 850 persons, and will cost about £8,000, exclusive of a tower 110ft. high which will be added afterwards at a further cost of £1,200.

Christ Church, Quinton, was erected in 1841, at a cost of £2,500, and will seat 600, two-thirds being free. The living is valued at £200, is in the gift of the Rector of Halesowen (in whose parish Quinton was formerly included), and is held by the Rev. C. H. Oldfield, B.A.

Christ Church, Sparkbrook, is a handsome Gothic erection, built on land given by Mr. S. S. Lloyd, the first stone being laid April 5, 1866, and the opening ceremony on October 1, 1867. The living, a perpetual curacy, is in the gift of trustees, and is valued at £350 per annum, and has been held hitherto by the Rev. G. Tonge, M.A. The building of the church cost nearly £10,000, the accommodation being sufficient for 900 persons, one-half the seats being free. The stained window in chancel to the memory of Mrs. S. S. Lloyd, is said by some to be the most beautiful in Birmingham, the subject being the Resurrection. There are Mission Rooms and Sunday Schools in Dolobran Road, Montpellier Street, Long Street, and Stratford Road, several thousands having been spent in their erection.

Christ Church, Yardley Wood, was built and endowed by the late John Taylor, Esq., in 1848, the consecration taking place April 4, 1849. Vicarage, value £185; patrons, trustees; Vicar, Rev. C. E. Beeby, B.A. Seats 260, the 60 being free.

Edgbaston Old Church.—It is not known when the first church was built on this site, some writers having gone so far back as to fix the year 777 as the probable date. The present edifice, though it incorporates some few remains of former erections, and will always be known as the "old" church, really dates but from 1809-10, when it was re-built (opened Sept. 10, 1810) but, as the Edgbastonianians began

to increase and multiply rapidly after that time, it was found necessary to add a nave and aisle in 1857. There is now only accommodation for 670, and but a hundred or so of the seats are free, so that possibly in a few more years the renovators and restorers will be busy providing another new old church for us. The patron is Lord Calthorpe, and the living is valued at £542, but the power of presenting has only been exercised three times during the last 124 years, the Rev. John Prynne Pakes Pixell, who was appointed vicar in 1760, being succeeded by his son in 1794, who held the living fifty-four years. At his death, in 1848, the Rev. Isaac Spooner, who had for the eleven previous years been the first incumbent of St. George's, Edgbaston, was inducted, and remained vicar till his death, July, 1884. In the Church there are several monuments to members of the Calthorpe family, and one in memory of Mr. Joshua Scholefield, the first M.P. for Birmingham, and also some richly-coloured windows and ancient-dated tablets connected with the oldest families of the Middlemores and others.

Hall Green Church was built in Queen Anne's reign, and has seats for 475, half free. It is a vicarage (value £175), in the gift of trustees, and now held by the Rev. R. Jones, B.A.

Handsworth Church.—St. Mary's, the mother church of the parish, was probably erected in the twelfth century, but has undergone time's inevitable changes of enlargements, alterations, and rebuildings, until little, if any, of the original structure could possibly be shown. Great alterations were made during the 15th and 17th centuries, and again about 1759, and in 1820; the last of all being those of our own days. During the course of the "restoration," now completed, an oval tablet was taken down from the pediment over the south porch, bearing the inscription of "John Hall and John Hopkins, churchwardens, 1759," whose economising notions had led

them to cut the said tablet out of an old gravestone, the side built into the wall having inscribed on its face, "The bodye of Thomas Lindon, who departed this life the 10 of April, 1675, and was yeares of age 88." The cost of the rebuilding has been nearly £11,000, the whole of which has been subscribed, the reopening taking place Sept. 28, 1878. There are several ancient monuments in fair preservation, and also Chantrey's celebrated statue of Watts. The living is valued at £1,500, the Rector, the Rev. W. Randall, M.A., being his own patron. The sittings in the church are (with a few exceptions only) all free and number over 1,000, Sunday and other services being also held in a Mission Room at Hamstead.

Holy Trinity.—The first stone of the Church of the Holy Trinity in Camp Hill, was placed in position Sept. 29, 1820. The building was consecrated Jan. 23, 1823, and opened for services March 16 following. The cost was £14,325, and the number of sittings provided 1,500, half to be free. The services have from the first been markedly of a Ritualistic character, and the ornate decorations of the church have been therefore most appropriate. The living (value £230) is a vicarage in the gift of trustees, and is at present held by the Rev. A. H. Watts, who succeeded the Rev. R. W. Enraght after the latter's suspension and imprisonment.—See "*Ritualism*."

Holy Trinity, Birchfields.—First stone placed May 26, 1863; consecrated May 17, 1864. Cost about £5,000. The living (value £320) is a vicarage in the gift of the Rector of Handsworth, and is now held by the Rev. P. T. Maitland, who "read himself in" May 16, 1875.

Holy Trinity, North Harborne, was built in 1838-39 at a cost of £3,750, and will seat 700, one half being free. The living (value £300) is in the gift of the Dean and Chapter of Lichfield.

Immanuel Church, Broad Street.—The foundation stone was laid July

12, 1864; the consecration took place May 7, 1865; the cost of erection was a little over £4,000; there are seats for 800, of which 600 are free; and the living (valued at £300), has been held until now by the Rev. C. H. Coleman, the presentation being in the hands of trustees. The "Magdalen" Chapel was formerly on the site.

Iron Churches.—May 22, 1874, an edifice built of iron was opened for religious purposes in Canon Hill Park, but the congregation that assembled were so scanty that in July, 1875, it was deemed expedient to remove it to Small Heath where it was used as a temporary "Oldknow Memorial" Church. Other iron churches have been utilised in the suburbs since then, and there is now no novelty in such erections, a score of which may be found within half the number of miles.

St. Agnes', Moseley, off Wake Green Road.—The foundation stone was laid October 3, 1883, and its estimated cost is put at about £8,000. At present only a part sufficient to accommodate 400 persons is being proceeded with, but when completed the edifice will hold double that number, and will be 127ft. long by 48ft. wide, a tower and spire rising from the centre of the west end to a height of 137ft.

St. Alban's.—A Mission chapel, dedicated to St. Alban, was opened in Leopold Street in September, 1865. This now forms a school belonging to the adjoining church, which was opened March 7, 1872. The curacy is held by the Revds. J. S. and T. B. Pollock, but the friends of those gentlemen have since erected a far handsomer edifice, the Church of St. Alban the Martyr, at the corner of Conybere Street and Ryland Street, at a cost estimated at £20,000—£1 500 being paid for the site. The first stone of this magnificent building was laid January 31, 1880, the opening service taking place at 6.30 a.m., May 3, 1881. There is free seating for 1,000 in the new church, for 460 in St. Alban's, Leopold Street, and for a

further 400 in the Mission Room—the services being entirely dependent on the gifts to the offertory, &c. On the Saint's day the special collections have for years been most remarkable, seldom less than £1,000 being given, while occasionally the amount has been more than four times that sum. The services are "High Church," with three daily celebrations and seven on Sunday.

St. Andrew's, Bordesley.—The foundation stone was laid July 23, 1844, and consecration took place, Sept. 30, 1846. The cost of the building was about £5,000, the site being given. The value of the living is £320, the Bishop and trustees having the right of preferment alternately. There is accommodation for 800, one-fourth of the seats being free. The present Vicar is the Rev. J. Williamson, M.A. The iron-built church of St. Oswald, opposite Small Heath Park, Coventry-road, is attached to St. Andrew's.

St. Anne's, Duddeston, consecrated Oct. 22, 1869, is a brick building, giving accommodation for 810, half the seats being free. The Bishop presents the living, being of the nett value of £260. Rev. T. J. Haworth is the Vicar. Services also at the Mission Room, Great Francis Street.

St. Anne's, Park Hill, Moseley.—This Chapel-of-Ease to Moseley was built at the expense of Miss Anderton, of Moseley Wake Green, the consecration taking place Sept. 22, 1874. The living is valued at £150, and is in the gift of the Vicar of Moseley, the present incumbent being the Rev. J. Leverett, M.A. Half the 400 seats are free.

St. Asaph's, Great Colmore Street,—the freehold of the site was given by Mr. Cregoe Colmore, and the erection of the church, which yet want the tower and spire, cost £5,450. The cornerstone was laid Aug. 22, 1867, and the building was consecrated Dec. 3, 1868. There are 950 sittings, of which 500 are free. Trustees present. The living, value £300, being now held by the Rev. R. Fletcher, M.A.

St. Augustine's, Hagley Road, the foundation stone of which was laid Oct. 14, 1867, was consecrated September 12, 1868, the first cost being a little over £9,000, but a tower and spire (185ft. high) was added in 1876 at a further cost of £4,000. It is a Chapel-of-ease to Edgbaston, in the gift of the Bishop. Value £500. Held by Rev. J. C. Blissard, M.A. Seats, 650.

St. Barnabas', Edlington.—This church, originally built in 1823, at a cost of about £6,000, with accommodation for 700 only, has lately been enlarged so as to provide 1,100 sittings (600 free)—£2,700 being expended on the improvements. The Vicar of Aston is patron, and the living is valued at £300. The re-opening took place June 11, 1883. Rev. H. H. Rose, M.A., has been Vicar since 1850.

St. Barnabas', Ryland Street.—First stone laid Aug. 1, 1859; consecrated Oct. 24, 1860; renovated in 1882. Has sittings for 1,050, of which 650 are free. Value £300, in the gift of trustees. Present Vicar, Rev. P. Waller. Services also at Mission Room, Sheepcote Street.

St. Bartholomew's.—The building of this church was commenced in 1749, the site being given by William Jennens, Esq., and £1,000 towards the building by his mother, Mrs. Anne Jennens. Lord Fielding also gave £120 to pay for an altar-piece, which is greatly admired. Surrounded for very many years by a barren-looking graveyard, the huge brick-built edifice was very unsightly, and being close to the Park Street burial ground it was nicknamed "the paupers' church." Since the laying out of the grounds, however, it has much improved in appearance. The Rector of St. Martin's presents, and the living is valued at £280. There are 1,800 sittings, 1,000 being free. Week-night services are also held in Mission Room, Fox Street.

St. Catherine's, Nechells.—Foundation stone laid July 27, 1877; consecrated November 8, 1878; cost nearly £7,000; seats 750, more than

half being free. Yearly value £230; in the gift of trustees. Present vicar, Rev. T. H. Nock, M.A.

St. Catherine's Rotton Park.—The Mission Room in Coplow St., in connection with St. John's, Ladywood, is the precursor of this church yet to be built.

St. Clement's, Nechells.—First stone laid, October 27, 1857; consecrated August 30, 1859. Seats 850 (475 free). Vicarage, value £300, in the gift of Vicar of St. Matthew's. Present incumbent, Rev. J. T. Butlin, B.A. Services also at Mission Room, High Park Street.

St. Cuthbert's, Birmingham Heath, was commenced April 19, 1871; opened March 19, 1872, and has seats for 800, half being free. Yearly value £250; in the hands of trustees. Present incumbent, Rev. W. H. Tarleton, M.A.

St. Cyprian's, Hay Mill.—The foundation-stone of this church (built and endowed by J. Horsfall, Esq.), was laid April 14, 1873, and the opening services were held in the following January. The ceremony of consecration did not take place until April 23, 1878, when a district was assigned to the church. Rev. G. H. Simms is the present Vicar, and the living (value £150) is in the gift of the Bishop.

St. David's, Bissell Street.—First stone was laid July 6, 1864, and the building was consecrated in the same month of the following year. The cost of erection was £6,200, and there is accommodation for 955, 785 seats being free. The living (value £300) is in the gift of trustees, and is at present held by Rev. H. Boydon, B.A. Week night services also at Mission Room, Macdonald Street.

St. Edburgh's.—The parish church of Yardley, dating from Henry VII.'s reign, contains monuments relating to several of our ancient families of local note. The living is a vicarage (value £525) in the gift of the Rev. J. Dodd, the present vicar being the Rev. F. S. Dodd, M.A. There is accommodation for 600, a third of the seats being free.

St. Gabriel's, Pickford Street.—The

first stone was laid in September, 1867, and the consecration took place Jan. 5, 1869. The sittings number 600, most being free. The living (value £300) is in the gift of the Bishop, and is held by the Rev. J. T. Tause, vicar. A mission room at the west end of the church was opened Dec. 14, 1878. It is 105ft. long by 25ft. wide, and will seat 800. The cost was about £3,500, and it is said the Vicar and his friends saved £2,500 by building the rooms themselves.

St. George's.—When first built, there were so few houses near Great Hampton Row and Tower Street, that this church was known as "St. George's in the Fields," and the site for church and churchyard (3,965 square yards) was purchased for £200. The foundation stone was laid April 19, 1820, and the consecration took place July 30, 1822. The tower is 114ft. high, and the first cost of the building was £12,735. Renovated in 1870, the church has latterly been enlarged, the first stone of a new chancel being placed in position (June, 1882) by the Bishop of Ballarat, formerly rector of the parish. This and other additions has added £2,350 to the original cost of the church, which provides accommodation for 2,150, all but 700 being free seats. The living (value £500) is in the gift of trustees, and the present Rector is the Rev. J. G. Dixon, M.A. The church was re-opened March 13, 1883, and services are also conducted in New Summer Street and in Smith Street Schoolrooms.

St. George's, Edgbaston.—First stone laid Aug. 17, 1836; consecrated Nov. 28, 1838. Cost £6,000. Perpetual curacy (value £300), in the gift of Lord Calthorpe. 1,000 sittings, of which one-third are free, but it is proposed to considerably enlarge the building, and possibly as much as £8,000 will be spent thereon, with proportionate accommodation.

St. James's, Ashted.—Originally the residence of Dr. Ash, this building was remodelled and opened as a place of

worship, Oct. 9, 1791. As Ashted Chapel it was sold by auction, May 3, 1796. Afterwards, being dedicated to St. James, it was consecrated, the ceremony taking place Aug. 7, 1807. The living (value £300) is in the gift of trustees, the present vicar being the Rev. H. C. Phelps, M.A. Of the 1,350 sittings, 450 are free, there being also a mission room in Vauxhall Road.

St. James's, Aston.—The mission room, in Tower Road, in connection with Aston Church, is known as St. James's Church Room, it being intended to erect a church on an adjoining site.

St. James's, Elgbaston, which cost about £6,000, was consecrated June 1, 1852, and has 900 sittings, one-fourth being free. Perpetual curacy (value £230) in the gift of Lord Calthorpe. The 25th anniversary of the incumbency of the Rev. P. Browne, M.A., was celebrated June 7, 1877, by the inauguration of a new organ, subscribed for by the congregation.

St. James's, Handsworth, was built in 1849, and has 800 sittings, of which one half are free. The living (value £300) is in the gift of the Rector of Handsworth, and the present vicar is the Rev. H. L. Randall, B.A.

St. John's, Deritend.—The "Chapel of St. John's," was commenced in 1375; it was licensed in 1381 by the monks of Tickford Priory, who appointed the Vicars of Aston, in which parish Deritend then was; it was repaired in 1677, and rebuilt in 1735. The tower was added in 1762, and clock and bells put in in 1776. This is believed to have been the first church in which the teachings of Wycliffe and the Reformers were allowed, the grant given to the inhabitants leaving in their hands the sole choice of the minister. This rite was last exercised June 15, 1870, when the present chaplain, the Rev. W. C. Badger, was elected by 3,800 votes, against 2,299 given for a rival candidate. There is accommodation for 850, of which 250 seats are free. It is related that when

the present edifice was erected (1735) a part of the small burial ground was taken into the site, and that pew-rents are only charged for the sittings covering the ground so occupied. The living is valued at £400. For a most interesting account of this church reference should be made to "Memorials of Old Birmingham" by the late Mr. Toulmin Smith. Services also take place at the School Room, and at the Mission Room, Darwin Street.

St. John's, Ladywood, built at a cost of £6,000, the site being given by the Governors of the Free Grammar School, and the stone for building by Lord Calthorpe, was consecrated March 15, 1854. In 1881, a further sum of £2,350 was expended in the erection of a new chancel and other additions. The Rector of St. Martin's is the patron of the living (valued at £330), and the present Vicar is the Rev. J. L. Porter, M.A. The sittings number 1,250, of which 550 are free. Services are also conducted at the Mission Room, Coplow Street, and on Sunday evenings in Oler Street Board School.

St. John's, Perry Barr, was built, endowed, and a fund left for future repairs, by "Squire Gough," of Perry Hall, the cost being about £10,000. The consecration took place Aug. 6, 1833, and was a day of great rejoicing in the neighbourhood. In 1868 the church was supplied with a peal of eight bells in memory of the late Lord Calthorpe. The living (valued at £500) is in the gift of the Hon. A. C. G. Calthorpe.

St. John the Baptist, East Harborne, which cost rather more than £4,000, was consecrated November 12, 1858. It has sittings for 900, of which number one half are free. Living valued at £115; patron Rev. T. Smith, M.A.; vicar, Rev. P. Smith, B.A.

St. John the Evangelist, Stratford Road.—A temporary iron church which was opened April 2, 1878, at a cost of £680. A Mission Room, in Warwick

Road. Greet, is in connection with above.

St. Jude's, Tonk Street, which was consecrated July 26, 1851, has 1,300 sittings, of which 1,000 are free. In the summer of 1879, the building underwent a much-needed course of renovation, and has been still further improved by the destruction of the many "rookeries" formerly surrounding it. The patronage is vested in the Crown and Bishop alternately, but the living is one of the poorest in the town, only £150.

St. Lawrence's, Dartmouth Street.—First stone laid June 18, 1867; consecrated June 25, 1868; has sittings for 745, 400 being free. The Bishop is the patron, and the living (value £320) is now held by the Rev. J. F. M. Whish, B.A.

St. Luke's, Bristol Road.—The foundation stone of this old Norman-looking church was laid July 29, 1841, but it might have been in 1481 to judge by its present appearance, the unfortunate choice of the stone used in the building giving quite an ancient look. It cost £3,700, and was consecrated Sept. 23, 1842. There are 300 free seats out of 800. The trustees are patrons, and the living (value £430) is held by the Rev. W. B. Wilkinson, M.A., vicar.

St. Margaret's, Ledsam Street.—The cost of this church was about £5,000; the first stone was laid May 16, 1874; the consecration took place Oct. 2, 1875, and it finds seating for 800, all free. The Bishop is the patron of the living (a perpetual curacy value £300), and it is now held by the Rev. H. A. Nash. The schoolroom in Rann Street is licensed in connection with St. Margaret's.

St. Margaret's Olton, was consecrated Dec. 14, 1880, the first stone having been laid Oct. 30, 1879.

St. Margaret's, Ward End, built on the site, and partly with the ruins of an ancient church, was opened in 1836, and gives accommodation for 320 persons, 175 seats being free. The living, value £150, is in the gift of trustees,

and is held by the Rev. C. Heath, M.A., Vicar.

St. Mark's, King Edward's Road.—First stone laid March 31, 1840; consecrated July 30, 1841. Cost about £4,000, and accommodates 1,000, about a third of the seats being free. A vicarage, value £300; patrons, trustees; vicar, Rev. R. L. G. Pidcock, M.A.

St. Martin's.—There is no authentic date by which we can arrive at the probable period of the first building of a Church for the parish of Birmingham. Hutton "supposed" there was a church here about A.D. 750, but no other writer has ventured to go past 1280, and as there is no mention in the Domesday Book of any such building, the last supposition is probably nearest the mark. The founder of the church was most likely Sir William de Bermingham, of whom there is still a monumental effigy existing, and the first endowment would naturally come from the same family, who, before the erection of such church, would have their own chapel at the Manor House. Other endowments there were from the Clodshales, notably that of Walter de Clodshale, in 1330, who left twenty acres of land, four messuages, and 18*s*. annual rent, for one priest to say mass daily for the souls of the said Walter, his wife, Agnes, and their ancestors; in 1347, Richard de Clodshale gave ten acres of land, five messuages, and 10*s*. yearly for another priest to say mass for him and his wife, and his father and mother, "and all the faithful departed"; in 1428, Richard, grandson of the last-named, left 20*s*. by his will, and bequeathed his body "to be buried in his own chapel," "within the Parish Church of Bermyngham." Besides the Clodshale Chantry, there was that of the Guild of the Holy Cross, but when Henry VIII. laid violent hands on all ecclesiastical property (1535) that belonged to the Church of St. Martin was valued at no more than £10 1*s*. From the few fragments that were found when the present building was erected, and from

Dugdale's descriptions that has come down to us, there can be little doubt that the church was richly ornamented with monuments and paintings, coloured windows and creamic tiles, though its income from property would appear to have been meagre enough. Students of history will readily understand how the fine old place came gradually to be but little better than a huge barn, the inside walls whitewashed as was the wont, the monuments mutilated and pushed into corners, the font shoved out of sight, and the stained glass windows demolished. Outside, the walls and even the tower were "cased in brick" by the churchwardens (1690), who nevertheless thought they were doing the right thing, as among the records of the lost Stapnton Collection there was one, dated 1711, of "Monys expended in public charity by ye inhabitants of Birmingham, wth in 19 years last past," viz. :—

In easing, repairing, &c., ye Old Church	£1919 01	9½
Adding ye Communion Plate of ye said Church 275 ounces of new silver	80	16 06
Repairing ye high ways leading to ye town wth in these 9 years	898	00 01
Subscribed by ye inhabitants towards erecting a New Church, now consecrated, and Parsonage house	2234	13 11
In all	£5132	12 3½

In the matter of architectural taste the ideas of the churchwardens seem curiously mixed, for while disfiguring the old church they evidently did their best to secure the erection of the splendid new church of St. Philip's, as among other entries there were several like these :—

"23*pds*. 2*s*. wch Mr. Jno. Holte has collected in Oxford towards building ye New Church."

"Rev'd. £30 from Sir Charles Holte, Baronet, for the use of the Com'e of the New Church."

From time to time other alterations were made, such as new roofing, shut-

ting up the clerestory windows, piercing the walls of the chancel and the body of the church for fresh windows attaching a vestry, &c. The churchyard was partly surrounded by houses, and in 1781 "iron pallisadoes" were affixed to the wall. In this year also 33ft. of the spire was taken down and rebuilt. In 1807 the churchyard was enlarged by the purchase of five tenements fronting Spicel Street, belonging to the Governors of the Free Grammar School, for £423, and the Commissioners having cleared the Bull Ring of the many erections formerly existing there the old church in its hideous brick dress was fully exposed to view. Noble and handsome places of worship were erected in other parts of the town, but the old mother church was left in all its shabbiness until it became almost unsafe to hold services therein at all. The bitter feelings engendered by the old church-rate was had doubtless much to do with this neglect of the "parish" church, but it was not exactly creditable to the Birmingham men of '49, when attention was drawn to the dangerous condition of the spire, and a general restoration was proposed, that what one gentleman has been pleased to call "the lack of public interest" should be made so manifest that not even enough could be got to rebuild the tower. Another attempt was made in 1853, and on April 25th, 1854, the work of restoring the tower and rebuilding the spire, at a cost of £6,000, was commenced. The old brick casing was replaced by stone, and, on completion of the tower, the first stone of the new spire was laid June 20, 1855, the "topping" being successfully accomplished November 22nd following. The height of the present spire from the ground to the top of the stonework is 185ft. 10½in., the tower being 69ft. 6in., and the spire itself 116ft. 4½in., the vane being an additional 18ft. 6in. The old spire was about 3in. lower than the present new one, though it looked higher on account of its

more beautiful form and its thinner top only surmounted by the weathercock, now to be seen at Aston Hall. The clock and chimes were renewed at a cost of £200 in 1858: the tunes played being "God save the Queen" [Her Majesty visited Birmingham that year], "Rule Britannia," "Blue Bells of Scotland," "Life let us cherish," the "Easter Hymn," and two other hymns. Twenty years after (in 1878) after a very long period (nine years) of inaction, the charming apparatus was again put in order, the chimes being the same as before, with the exception of "Au'd lang syne," which is substituted for "God save the Queen," in consequence of the latter not giving satisfaction since the bells have been repaired [vide "Mail"]. The clock dial is 9ft. 6in. in diameter. The original bells in the steeple were doubtless melted in the troublesome days of the Commonwealth, or perhaps, removed when Bluff Hal sequestered the Church's property, as a new set of six (total weight 53cwt. 1qr. 15lbs.) were hung in 1682. During the last century these were recast, and addition made to the peal, which now consists of twelve.

Treble, cast in	1772,	weight not noted.		
Second, "	1771,	ditto,		
Third, "	1758,	weighing	6	2 16
Fourth, "	1758,	"	6	3 27
Fifth, "	1758,	"	8	0 20
Sixth, "	1769,	"	8	2 12
Seventh, "	1768,	"	9	3 12
Eighth, "	1758,	"	11	3 6
Ninth, "	1758,	"	15	1 17
Tenth, "	1758,	"	17	3 2
Eleventh, "	1769,	"	27	3 16
Tenor, "	1758,	"	35	0 8

The ninth bell was recast in 1790; fourth and fifth have also been recast, by Blews and Son, in 1870. In the metal of the tenor several coins are visible, one being a Spanish dollar of 1742. The following lines appear on some of the bells;—

On Seventh:—"You singers all that prize your health and happiness, be sober, merry and wise and you will the same possess."

On Eighth.—“To honour both of God and King, our voices shall in concert ring.”

On Tenth.—“Our voices shall with joyful sound make, hills and valleys echo round.”

On Tenor.—“Let your ceaseless changes raise to our Great Maker still new praise.”

The handsome appearance of the tower and spire, after restoration, contrasted so strongly with the “dowdy” appearance of the remainder of the church, that it was little wonder a more determined effort should be made for a general building, and this time (1872) the appeal was no longer in vain. Large donations were given by friends as well as by many outside the pale of the Church, and Dr. Wilkin-on, the Rector, soon found himself in a position to proceed with the work. The last sermon in the old church was preached by Canon Miller, the former Rector, Oct. 27, 1872, and the old brick barn gave place to an ecclesiastical structure of which the town may be proud, noble in proportions, and more than equal in its Gothic beauty to the original edifice of the Lords de Bermingham, whose sculptured monuments have at length found a secure resting-place in the chancel of the new St. Martin's. From east to west the length of the church is a little over 155ft., including the chancel, the arch of which rises to 60ft.; the width, including nave (25ft.) and north and south aisles, is 67ft.; at the transepts the measure from north to south gives 104ft. width. The consecration and re-opening took place July 20, 1875, when the church, which will accommodate 2,200 (400 seats are free) was thronged. Several stained windows have been put in, the organ has been enlarged, and much done in the way of decoration since the re-building, the total cost being nearly £25,000. The living (£1,048 nett value) is in the gift of trustees, and has been held since 1866 by the Rev. W. Wilkinson, D.D., Hon. Canon of Worcester, Rural Dean,

and Surrogate. The burial ground was closed Dec. 9, 1848.

St. Mary's, Acock's Green, was opened Oct. 17, 1866. The cost of erection was £4,750, but it was enlarged in 1882, at a further cost of £3,000. There are 720 sittings, 420 being free. The nett value of the living, in the gift of trustees, is £147, and the present vicar is the Rev. F. T. Swinburn, D.D.

St. Mary's, Aston Brook, was opened Dec. 10, 1863. It seats 750 (half free), and cost £4,000; was the gift of Josiah Robins, Esq., and family. Perpetual curacy, value £300. The site of the parsonage (built in 1877, at a cost of £2,300), was the gift of Miss Robins. Present incumbent, Rev. F. Smith, M.A.

St. Mary's, Moseley. —The original date of erection is uncertain, but there are records to the effect that the tower was an addition made in Henry VIII.'s reign, and there was doubtless a church here long prior to 1500. The chancel is a modern addition of 1873; the bells were re-cast about same time, the commemorative peal being rung June 9, 1874; and on June 8, 1878, the churchyard was enlarged by the taking in of 4,500 square yards of adjoining land. The living, of which the Vicar of Bromsgrove is the patron, is worth £280, and is now held by the Rev. W. H. Colmore, M.A. Of the 500 sittings 150 are free.

St. Mary's, Selly Oak, was consecrated September 12, 1861, having been erected chiefly at the expense of G. R. Elkington and J. F. Ledsam, Esqrs. There are 620 sittings, of which 420 are free. The living is in the gift of the Bishop and trustee; is valued at £200, and the present vicar is the Rev. T. Price, M.A.

St. Mary's, Whittall Street, was erected in 1774 and in 1857 underwent a thorough renovation, the re-opening services being held August 16. There are 1,700 sittings of which 400 are free. The living is a vicarage, with an endowment of £172 with parsonage,

in the gift of trustees, and is now held by the Rev. J. S. Owen.

St. Matthew's, Great Lis'er Street, was consecrated October 29, 1840, and has sittings for 1,400, 580 seats being free. The original cost of the building was only £3,200, but nearly £1,000 was expended upon it in 1883. Five trustees have the gift of the living, value £300, which is now held by the Rev. J. Byrchmore, vicar. The Mission Room, in Lupin Street, is served from St. Matthew's.

St. Matthias's, Wheeler Street, commenced May 30th, 1855, was consecrated June 4, 1856. Over £1,000 was spent on renovations in 1879. The seats (1,150) are all free. The yearly value of the living is £300, and it is in the gift of trustees. The vicar is the Rev. J. H. Haslam, M.A.

St. Michael's, in the Cemetery, Warstone Lane, was opened Jan. 15, 1854, the living (nominal value, £50) being in the gift of the directors. Will accommodate 400—180 seats being free.

St. Michael's, Northfield.—Of the original date of erection there is no trace, but it cannot be later than the eleventh century, and Mr. Allen Everett thought the chancel was built about 1189. The five old bells were recast in 1730, by Joseph Smith of Edgbaston, and made into six. The present building was erected in 1856-7, and has seating for 800, all free. The living, valued at £740, is held by the Rev. R. Wylde, M.A., and connected with it is the chapel-of-ease at Bartley Green.

St. Michael's, Soho, Handsworth, was opened in 1861. It has 1,000 sittings, one-half of which are free. The living is valued at £370, is in the gift of the Rector of Handsworth, and is now held by the Rev. F. A. Macdonald.

St. Nicolas, Lower Tower Street.—The foundation stone was laid Sept. 15, 1867; the church was consecrated July 12, 1868, and it has seats for 576 persons, the whole being free. The Bishop is the patron of the living,

value £300, and the Vicar is the Rev. W. H. Connor, M.A.

St. Nicholas, King's Norton.—This church is another of the ancient ones, the register dating from 1547. It was partially re-erected in 1857, and more completely so in 1872, more than £5,000 being expended upon it. The Dean and Chapter of Worcester are the patrons of the living (nett value £250), and the Vicar is the Rev. D. H. C. Preedy. There are 700 sittings, 300 of which are free.

St. Oswald's, situated opposite Small Heath Park, is an iron structure, lined with wood. It will seat about 400, cost £600, and was opened Aug. 10, 1882, being for the present in charge of the clergyman attached to St. Andrew's.

St. Patrick's, Highgate Street.—Erected in 1873, at a cost of £2,300, as a "School-chapel" attached to St. Alban's, and ministered unto by the Revds. J. S. and T. B. Pollock. 800 seats, all free.

St. Paul's, in St. Paul's Square.—The first stone was laid May 22, 1777, and the church was consecrated June 2, 1779, but remained without its spire until 1823, and was minus a clock for a long time after that. The east window in this church has been classed as the A1 of modern painted windows. The subject, the "Conversion of St. Paul," was designed by Benjamin West, and executed by Francis Eggington, in 1789-90. In May, 1876, the old discoloured varnish was removed, and the protecting transparent window re-glazed, so that the full beauty and finish of this exquisite work can be seen now as in its original state. Of the 1,400 sittings 900 are free. The living is worth £300, in the gift of trustees, and is held by the Rev. R. B. Burges, M.A., Vicar.

St. Paul's, Lozells.—The first stone was laid July 10, 1879, and the building consecrated September 11, 1880. The total cost was £8,700, the number of sittings being 800, of which one half

are free. Patrons, Trustees. Vicar, Rev. E. D. Roberts, M.A.

St. Paul's, Moseley Road, Balsall Heath.—Foundation stone laid May 17, 1852, the building being opened that day twelvemonth. Cost £5,500 and has sittings for 1,300, of which number 465 are free. The Vicar of King's Norton is the patron of the living (value £300), and it is held by the Rev. W. B. Benison, M.A.

St. Peter's, Dale End, was begun in 1825, and consecrated Aug. 10, 1827, having cost £19,000. Considerable damage to the church was caused by fire, Jan. 24, 1831. There are 1,500 sittings, all free. The living is valued at £260, is in the gift of the Bishop, and is held by the Rev. R. Dell, M.A., Vicar.

St. Philip's.—The parish of St. Philip's was created by special Act, 7 Anne, c. 34 (1708), and it being the first division of St. Martin's the new parish was bound to pay the Rector of St. Martin's £15 per year and £7 to the Clerk thereof, besides other liabilities. The site for the church (long called the "New Church" and churchyard, as near as possible four acres, was given by Mrs. Phillips, which accounts for the Saint's name chosen. George I. gave £600 towards the building fund, on the application of Sir Richard Gough, whose crest of a boar's head was put over the church, and there is now, in the form of a vane, as an acknowledgment of his kindness. Other subscriptions came in freely, and the £5,000, first estimated cost, was soon raised. [See "*St. Martin's*"]. The building was commenced in 1711, and consecrated on October 4th, 1715, but the church was not completed until 1719. The church was re-pewed in 1850, great part restored in 1859-60, and considerably enlarged in 1883-84. The height of the tower is 140ft., and there are ten bells, six of them dating from the year 1719 and the others from 1761. There is accommodation for 2,000 persons, 600 of the seats being free. The nett value of the

living is £868, the Bishop being patron. The present Rector, the Rev. H. B. Bowlby, M.A., Hon. Canon of Worcester, and Surrogate, has been with us since 1875.

St. Saviour's, Saltley, was consecrated July 23, 1850. The cost of building was £6,000; there are 810 seats, 560 being free; the living is valued at £240, and is in the gift of Lord Norton; the present Vicar is the Rev. F. Williams, B.A.

St. Saviour's, Villa Street, Hockley.—Corner-stone laid April 9, 1872; consecrated May 1, 1874. Cost £5,500, and has seats for 600, all free. The living (value £250) is in the gift of trustees, and is now held by the Rev. M. Parker, Vicar.

St. Silas's Church Street, Lozells, was consecrated January 10, 1854, the first stone having been laid June 2, 1852. It has since been enlarged, and has now 1,100 sittings, 430 being free. The living (value £450) is a perpetual curacy, in the gift of trustees, and is held by the Rev. G. C. Baskerville, M.A. The Mission Room in Burbury Street is served from St. Silas's.

St. Stephen's, Newtown Row, was consecrated July 23, 1844. The building cost £3,200; there are 1,150 sittings, of which 750 are free; the living is valued at £250, is in the gift of the Bishop and the Crown alternately, and is now held by the Rev. P. Reynolds, Vicar, who also provides for the Mission Room in Theodore Street.

St. Stephen's, Selly Hill, was consecrated August 18, 1871, the first stone having been laid March 30, 1870. The patrons are the Bishop and trustees; the living is valued at £200; it is a perpetual curacy, and the incumbent is the Rev. R. Stokes, M.A. Of the 300 sittings 100 are free.

St. Thomas's, Holloway Head.—First stone laid Oct. 2, 1826; consecrated Oct. 22, 1829, having cost £14,220. This is the largest church in Birmingham, there being 2,600 sittings, of which 1,500 are free. In the Chartist riots of 1839, the people tore

up the railings round the churchyard to use as pikes. The living (value £550) is in the gift of trustees, and is held by the Rev. T. Halstead, Rector and Surrogate.

St. Thomas-in-the-Moors, Cox Street, Balsall Heath.—The church was commenced to be built, at the expense of the late William Sands Cox, Esq., in the year 1868, but on account of some quibble, legal or ecclesiastical, the building was stopped when three parts finished. By his will Mr. Cox directed it to be completed, and left a small endowment. This was added to by friends, and the consecration ceremony took place Aug. 14, 1883. The church will accommodate about 600 persons.

St. Thomas the Martyr.—Of this church, otherwise called the "Free Chapel," which was richly endowed in 1350 (See "Memorials of Old Birmingham" by Toulmin Smith), and to which the Commissioners of Henry VIII., in 1545, said the inhabitants did "mucho resorte,") there is not one stone left, and its very site is not known.

Stirchley Street School-Church was erected in 1863, at a cost of £1,200, and is used on Sunday and occasional weekday evenings.

Places of Worship.—*Dissenters*.—A hundred years ago the places of worship in Birmingham and its neighbourhood, other than the parish churches, could have been counted on one's fingers, and even so late as 1841 not more than four dozen were found by the census enumerators in a radius of some miles from the Bull Ring. At the present time conventicles and tabernacles, Bethels and Bethesdas, Mission Halls and Meeting Rooms, are so numerous that there is hardly a street away from the centre of the town but has one or more such buildings. To give the history of half the meeting-places of the hundred-and-one different denominational bodies among us would fill a book, but notes of the principal Dissenting places of worship are annexed.

Antinomians.—In 1810 the members of this sect had a chapel in Bartholomew Street, which was swept away by the L. and N.W. Railway Co., when extending their line to New Street.

Baptists.—Prior to 1737, the "Particular Baptists" do not appear to have had any place of worship of their own in this town, what few of them there were travelling backwards and forwards every Sunday to Bromsgrove. The first home they acquired here was a little room in a small yard at the back of 38, High Street (now covered by the Market Hall), which was opened Aug. 24, 1737. In March of the following year a friend left the Particulars a sum of money towards erecting a meeting-house of their own, and this being added to a few subscriptions from the Coventry Particulars, led to the purchase of a little bit of the Cherry Orchard, for which £13 was paid. Hereon a small chapel was put up, with some cottages in front, the rent of which helped to pay chapel expenses, and these cottages formed part of Cannon Street; the land at the back being reserved for a graveyard. The opening of the new chapel gave occasion for attack, and the minister of the New Meeting, Mr. Bowen, an advocate of religious freedom, charged the Baptists (particular though they were) with reviving old Calvinistic doctrines and spreading Antinomianism and other errors in Birmingham; with the guileless innocence peculiar to polemical scribes, past and present. Mr. Dissenting minister Bowen tried to do his friends in the Bull Ring a good turn by issuing his papers as from "A Consistent Churchman." In 1763 the chapel was enlarged, and at the same time a little more land was added to the graveyard. In 1780 a further enlargement became necessary, which sufficed until 1805, when the original buildings, including the cottages next the street, were taken down to make way for the chapel so long known by the present inhabitants. During the period of demolition and re-erection

the Cannon Street congregation were accommodated at Carr's Lane, Mr. T. Morgan and Mr. John Angell James each occupying the pulpit alternately. The new chapel was opened July 16, 1806, and provided seats for 900, a large pew in the gallery above the clock being allotted to the "string band," which was not replaced by an organ until 1859. In August, 1876, the Corporation purchased the site of the chapel, the graveyard, and the adjoining houses, in all about 1,000 square yards in extent, for the sum of £26,500, the last Sunday service being held on October 5, 1879. The remains of departed ministers and past members of the congregation interred in the burial-yard and under the chapel were carefully removed, mostly to Witton Cemetery. The exact number of interments that had taken place in Cannon Street has never been stated, but they were considerably over 200; in one vault alone more than forty lead coffins being found. The site is now covered by the Central Arcade. Almost as old as Cannon Street Chapel was the one in Freeman Street, taken down in 1856, and the next in date was "Old Salem," built in 1791, but demolished when the Great Western Railway was made. In 1785 a few members left Cannon Street to form a church in Needless Alley, but soon removed to Bond Street, under Mr. E. Edmonds, father of the well-known George Edmonds.—In the year 1870 fifty-two members were "dismissed" to constitute a congregation at Newhall Street Chapel, under the Rev. A. O'Neill.—In the same way a few began the church in Graham Street in 1828.—On Emancipation Day (Aug. 1, 1838), the first stone was laid of Heneage Street Chapel, which was opened June 10, 1841.—In 1845 a chapel was erected at Shirley; and on Oct. 24, 1849, the Circus in Bradford Street was opened as a Baptist Chapel. Salem Chapel, Frederick Street, was opened Sept. 14, 1851.—Wycliffe Church, Bristol Road, was commenced Nov. 8, 1859,

and opened June 26, 1861.—Lombard Street Chapel was started Nov. 25, 1864.—Christ Church, Aston, was opened April 19, 1865.—The Chapel in Balsall Heath Road was opened in March, 1872; that in Victoria Street, Small Heath, June 24, 1873; and in Great Francis Street, May 27, 1877. When the Cannon Street Chapel was demolished, the trustees purchased Graham Street Chapel and schools for the sum of £14,200, other portions of the money given by the Corporation being allotted towards the erection of new chapels elsewhere. The Graham Street congregation divided, one portion erecting for themselves the Church of the Redeemer, in Hagley Road, (opened May 24, 1882), while these living on the Handsworth side built a church in Hamstead Road (opened March 1, 1883), each building costing over £10,000. The first stone of the Stratford Road Church (the site of which, valued at £1,200, was given by Mr. W. Middlemore) was laid on the 8th of June, 1878, and the building, which cost £7,600, was opened June 3, 1879. Mr. Middlemore also gave the site (value £2,200) for the Hagley Road Church, £6,000 of the Cannon Street money going to it, and £3,500 to the Stratford Road Church.—The Baptists have also chapels in Guildford Street, Hope Street, Lodge Road, Longmore Street, Great King Street, Spring Hill, Warwick Street, Yates Street, as well as at Erdington, Harborne, King's Heath, Selly Oak, Quinton, &c.

Catholic Apostolic Church, Summer Hill Terrace.—This edifice, erected in 1877, cost about £10,000, and has seats for 400.

Christian Brethren.—Their head meeting-house is at the Central Hall, Great Charles Street, other meetings being held in Bearwood Road, Birchfield Road, Green Lanes, King Street, (Balsall Heath), New John Street, Wenman Street, (opened in June, 1870), and at Aston and Erdington.

Christadelphians meet at the Temperance Hall, Temple Street.

Church of the Saviour, Edward Street.—Built for George Dawson on his leaving the Baptists, the first turf being turned on the site July 14, 1846, and the opening taking place Aug. 8, 1847.

Congregational.—How the Independents sprang from the Presbyterians, and the Congregationalists from them, is hardly matter of local history, though Carr's Lane Chapel has sheltered them all in rotation. The first building was put up in 1747-48, and, with occasional repairs lasted full fifty years, being rebuilt in 1802, when the congregation numbered nearly 900. Soon after the advent of the Rev. John Angell James, it became necessary to provide accommodation for at least 2,000, and in 1819 the chapel was again rebuilt in the form so well known to the present generation. The rapidity with which this was accomplished was so startling that the record inscribed on the last late affixed to the roof is worth quoting, as well on account of its being somewhat of a novel innovation upon the usual custom of foundation-stone memorial stone, and first-stone laying and fixing:—

"Memoranda. On the 30th day of July, 1819, the first stone of this building was laid by the Rev. John Angell James, the minister. On the 30th day of October, in the same year, this the last slate was laid by Henry Leneve Holland, the builder, in the presence of Stepmann Thomas Whitwell, the Architect.—*Locus Deo.*"

In 1875-76 the chapel was enlarged, refronted, and in many ways strengthened and improved, at a cost of nearly £5,000, and it now has seats for 2,250 persons.—Ebenezer Chapel, Steelhouse Lane, which will seat 1,200, was opened Dec. 9, 1818. Its first pastor, the Rev. Jehoida Brewer, was the first to be buried there.—The first stone of Highbury Chapel, which seats 1,300, was laid May 1, 1844, and it was

opened by Dr. Raffles in the following October.—Palmer Street Chapel was erected in 1815.—The first stone of the Congregational Church in Francis Road was laid Sept. 11, 1855, the opening taking place Oct. 8, 1856.—The first stone of the Moseley Road building was laid July 30, 1861, and of that in the Lozells, March 17, 1862.—The chapel at Small Heath was commenced Sept. 19, 1867, and opened June 21, 1868; that at Salfley was began June 30, 1868, and opened Jan. 26, 1869.—The chapel in Park Road, Aston, was began Oct. 7, 1873; the church on Soho Hill, which cost £15,000, was commenced April 9, 1878, and opened July 16, 1879.—The memorial-stones of the church at Sutton Coldfield, which cost £5,500, and will seat 640, were laid July 14, 1879, the opening taking place April 5, 1880; the Westminster Road (Birchfield) Church was commenced Oct. 21, 1878, was opened Sept. 23, 1879, cost £5,500, and will seat 900; both of these buildings have spires 100ft. high.—The foundation-stone of a chapel at Solihull, to accommodate 420, was laid May 23, 1883.—Besides the above, there is the Tabernacle Chapel, Parade, chapels in Bordesley Street, Gooch Street, and St. Andrew's Road, and others at Acock's Green, Erdington, Handsworth, Olton, Yardley, &c.

Disciples of Christ erected a chapel in Charles Henry Street in 1864; in Geich Street in 1865; in Great Francis Street in 1873.

Free Christian Church, Fazeley Street.—Schoolrooms were opened here in 1865 by the Birmingham Free Christian Society, which were enlarged in 1868 at a cost of about £800. Funds to build a church were gathered in succeeding years and the present edifice was opened April 1, 1877, the cost being £1,300.

Jews.—The Hebrew Synagogue in Blucher Street was erected in 1856, at a cost of £10,000.

Methodists.—The Primitive Methodists for some time after their first

appearance here held their meetings in the open air or in hired rooms, the first chapel they used being that in Bordesley Street (opened March 16, 1823, by the Wesleyans) which they entered upon in 1826. Other chapels they had at various times in Allison Street, Balloon Street, Inge Street, &c. Gooch Street Chapel was erected by them at a cost of over £2,000 (the first stone being laid August 23, 1852) and is now their principal place of worship, their services being also conducted in Chapels and Mission Rooms in Aston New Town, Garrison Lane, Long Acre, Lord Street, Morville Street, Wells Street, Whitmore Street, The Cape, Selly Oak, Perry Barr, Sparkbrook, and Stirchley Street.—*The Methodist New Connexion* have chapels in Heath Street, Kyrwick's Lane, Ladywood Lane, Moseley Street, and Unett Street.—The first stone of a chapel for the *Methodist New Congregational* body was placed July 13, 1873, in Icknield Street West.—The *Methodist Reformers* commenced to build a chapel in Bishop Street, November 15, 1852.—The *Methodist Free Church* has places of worship in Bath Street, Cuckoo Road, Muntz Street, Rocky Lane, and at Washwood Heath.

New Church.—The denomination of professing Christians, who style themselves the "New Church," sometimes known as "The New Jerusalem Church," and more commonly as "Swedenborgians," as early as 1774 had a meeting room in Great Charles Street, from whence they removed to a larger one in Temple Row. Here they remained until 1791, when they took possession of Zion Chapel, Newhall Street, the ceremony of consecration taking place on the 19 of June. This event was of more than usual interest, inasmuch as this edifice was the first ever erected in the world for New Church worship. The rioters of 1791, who professed to support the National Church by demolishing the Dissenting places of worship, paid Zion Chapel a

visit and threatened to burn it, but the eloquence of the minister, the Rev. J. Proud, aided by a judicious distribution of what cash he had in his pocket, prevailed over their burning desires, and they carried their torches elsewhere. On the 10th of March, 1793, however, another incendiary attempt was made to suppress the New Church, but the fire was put out before much damage was done. What fire and popularenimity could not do, however, was accomplished by a financial crisis, and the congregation had to leave their Zion, and put up with a less pretentious place of worship opposite the Wharf in Newhall Street. Here they remained till 1830, when they removed to Summer Lane, where a commodious church, large schools, and minister's house had been erected for them. In 1875 the congregation removed to their present location in Wretham Road, where a handsome church has been built, at a cost of nearly £8,000, to accommodate 500 persons, with schools in the rear for as many children. The old chapel in Summer Lane has been turned into a Clubhouse, and the schools attached to it made over to the School Board. The New Church's new church, like many other modern-built places for Dissenting worship, has tower and spire, the height being 116ft.

Presbyterians.—It took a long time for all the nice distinctive differences of dissenting belief to manifest themselves before the public got used to Unitarianism, Congregationalism, and all the other isms into which Nonconformity has divided itself. When Birmingham was as a city of refuge for the many clergymen who would not accept the Act of Uniformity, it was deemed right to issue unto them licenses for preaching, and before the first Baptist chapel, or the New Meeting, or the Old Meeting, or the old Old Meeting (erected in 1689), were built, we find (1672) that one Samuel Willis, styling himself a minister of the Presbyterian persuasion, applied

for preaching licenses for the school-house, and for the houses of John Wail, and Joseph Robinson, and Samuel Taylor, and Samuel Dooley, and John Hunt, all the same being in Birmingham; and William Fincher, another "minister of the Presbyterian persuasion," asked for licenses to preach in the Louse of Richard Yarnald, in Birmingham, his own house, and in the houses of Thomas Gisboon, William Wheeley, John Pemberton, and Richard Careless, in Birmingham, and in the house of Mrs. Yarrington, on Bowdswell Heath. In Bradford's map (1751) Carr's Lane chapel is put as a "Presbyterian chapel," the New Meeting Street building close by being called

"Presbyterian Meeting." It was of this "Presbyterian Chapel" in Carr's Lane that Hutton wrote when he said it *was* the road to heaven, but that its surroundings indicated a very different route. Perhaps it was due to these surroundings that the attendants at Carr's Lane came by degrees to be called Independents and the New Meeting Street folks Unitarians, for both after a time ceased to be known as Presbyterians. The Scotch Church, or, as it is sometimes styled, the Presbyterian Church of England, is not a large body in Birmingham, having but three places of worship. The first Presbytery held in this town was on July 6, 1847; the foundation-stone of the Church in Broad Street was laid July 24, 1848; the Church at Camp Hill was opened June 3, 1869; and the one in New John Street West was began July 4, 1856, and opened June 19, 1857.

Salvation Army.—The invasion of Birmingham by the soldiers of the Salvation Army was accomplished in the autumn of 1882, the General (Mr. Booth) putting in an appearance March 18, 1883. They have several rendezvous in the town, one of the principal being in Farm Street, from whence the "soldiers" frequently sally out, with drums beating and colours flying, much

to their own glorification and other people's annoyance.

Unitarians.—The building known for generations as the Old Meeting, is believed to have been the first Dissenting place of worship erected in Birmingham; and, as its first register dates from 1689, the chapel most likely was built in the previous year. It was doubtless but a small building, as in about ten years (1699) a "Lower Meeting House" was founded in Meeting House Yard, nearly opposite Rea Street. The premises occupied here were gutted in the riots of 1715, and the owner promised the mob that it should no more be used as a chapel, but when calmer he repented and services were held until the New Meeting House in Moor Street was opened. The rioters in 1715 partly destroyed the old Meeting and those of 1791 did so completely, as well as the New Meeting, which (began in 1730) was opened in 1732. For a time the congregations united and met at the Amphitheatre in Livery Street, the members of Old Meeting taking possession of their re-erected chapel, October 4, 1795. New Meeting being re-opened April 22, 1802. The last-named building remained in the possession of the Unitarians until 1861, when it was sold to the Roman Catholics. The last services in Old Meeting took place March 19, 1882, the chapel and graveyard, comprising an area of 2,760 square yards, being sold to the L. & N.W.R. Co., for the purpose of enlarging the Central Station. The price paid by the Railway Company was £32,250, of which £2,000 was for the minister and £250 towards the expense of removing to private vaults the remains of a few persons whose friends wished that course. A portion of Witton Cemetery was laid out for the reception of the remainder, where graves and vaults have been made in relative positions to those in the old graveyard, the tombstones being similarly placed. A new church has been erected in Bristol Street for the

congregation, with Sunday Schools, &c., £7,000 being the sum given for the site.—In 1839, Hurst Street Chapel was built for the Unitarian Domestic Mission. May 1, same year, the first stone was laid of the Newhall Hill Chapel, which was opened July 10, 1840.—The Church of the Messiah, Broad Street, was commenced Aug. 12, 1860, and opened Jan. 1, 1862. This church, which cost £10,000 and will seat nearly 1,000 is built over a canal, one of the strangest sites ever chosen for a place of worship. In connection with this church, there is a chapel in Lawrence Street.

Welsh Chapels.—The Welsh Calvinistic Methodists meet in the little chapel, bottom of Hockley Hill, and also in Granville Street, near Bath Row.—The Welsh Congregationalists (Independents) assemble at Wheeler Street Chapel, opened May 1, 1839.

Wesleyans.—The first Wesleyan Chapel in Birmingham was opened by John Wesley, March 21, 1764, the building having been previously a theatre. Cherry Street Chapel, opened July 7, 1782, was rebuilt in 1823.—Bradford Street Chapel was opened in 1786, Belmont Row in 1789, and Bath Street in 1839.—In 1825, a chapel was built in Martin Street, which was converted into a school on the opening (Nov. 10, 1864) of the present edifice, which cost £6,200.—Newtown Row Chapel was built in 1837 and Great Hampton Street and Unett Street Chapels in 1838, the latter being enlarged in 1844.—Branston Street Chapel was opened April 18, and Moseley Road, May 1, 1853.—The Bristol Road Chapel was opened January 18, 1851, and that in King Edward's Road, January 18, 1859.—The first stones were laid for the chapels in Villa Street April 21, 1864, Handsworth Oct. 21, 1872, Selley Oak Oct. 2, 1876, Peel Street, August 30, 1877, Cuckoo Road, June 10, 1878, Nechells Park Road Oct. 25, 1880, Mansfield Road Feb. 19, 1883. Besides the above there are chapels in Coventry

Road, Inge Street, Knutsford Street, Lichtfield Road, Lord Street, New John Street, Monument Road, and Warwick Road, as well as mission rooms in several parts of the town and suburbs. Acock's Green, Erdington, Harborne, King's Heath, Northfield, Quinton, &c., have also Wesleyan Chapels.—*The Wesleyan Reformers* meet in Floodgate Street, and in Upper Trinity Street.

Miscellaneous.—Lady Huntingdon's followers opened a chapel in King Street in 1785, and another in Peck Lane in 1812 (both sites being cleared in 1851), and a third in Gooch Street, Oct. 26th, 1851.—The believers in Joanna Southcote also had chosen spots wherein to pray for their leader, while the imposture lasted.—The celebrated Edward Irving opened Mount Zion Chapel, March 24th, 1824, "God's Free Church," in Hope Street, was "established" June 4th, 1854.—Zoar Chapel was the name given to a meeting-room in Cambridge Street, where a few undenominational Christians met between 1830 and 1840. It was afterwards used as a schoolroom in connection with Winfield's factory.—Wrottesley Street Chapel was originally built as a Jewish Synagogue, at a cost of about 2,000. After they left it was used for a variety of purposes, until acquired by William Murphy, the Anti-Catholic lecturer. It was sold by his executors, Aug. 2nd, 1877, and realised £645, less than the cost of the bricks and mortar, though the lease had 73 years to run.

Places of Worship.—*Roman Catholics.*—From the days of Queen Mary, down to the last years of James II.'s reign, there does not appear to have been any regular meeting-place for the Catholic Inhabitants of Birmingham. In 1687, a church (dedicated to St. Mary Magdalen and St. Francis) was built somewhere near the site of the present St. Bartholomew's but it was destroyed in the following year, and the very foundation-stones torn up and appropriated by Protestant

plunderers. [See "*Masshouse Lane*."]

It was a hundred years before the next church, St. Peter's, near Broad Street, was erected, and the Catholic community has increased but slowly until the last thirty years or so. In 1848 there were only seven priests in Birmingham, and but seventy in the whole diocese. There are now twenty-nine in this town, and about 200 in the district, the number of churches having increased, in the same period, from 70 to 123, with 150 schools and 17,000 scholars. The following are local places of worship:—

Cathedral of St. Chad.—A chapel dedicated to St. Chad (who was about the only saint the kingdom of Mercia could boast of), was opened in Bath Street, Dec. 17, 1809. When His Holiness the Pope blessed his Catholic children hereabouts with a Bishop the insignificant chapel gave place to a Cathedral, which, built after the designs of Pugin, cost no less than £60,000. The consecration was performed (July 14, 1838) by the Right Rev. Doctor (afterwards Cardinal) Wiseman, the district Bishop, in the presence of a large number of English noblemen and foreign ecclesiastical dignitaries, and with all the imposing ceremonies customary to Catholic celebrations of this nature. The adjoining houses detract much from the outside appearance of this reproduction of mediæval architecture, but the magnificence of the interior decorations, the elaborate carvings, and the costly accessories appertaining to the services of the Romish Church more than compensate therefor. Pugin's plans have not even yet been fully carried out, the second spire, that on the north tower (150ft. high), being added in 1856, the largest he designed still waiting completion. Five of a peal of eight bells were hung in 1848, and the remainder in 1877, the peculiar and locally-rare ceremony of "blessing the bells" being performed by Bishop Ullathorne, March 22nd, 1877.

Oratory, Hagley Road.—Founded by the Fathers of the Order of St. Philip Neri, otherwise called Oratorians. The Father Superior is the Rev. Dr. J. H. Newman (born in 1801), once a clergyman of the Church of England, the author of the celebrated "*Tract XC.*," now His Eminence Cardinal Newman.

St. Anne's, Alcester Street.—In 1851, some buildings and premises originally used as a distillery were here taken on a lease by the Superior of the Oratory, and opened in the following year as a Mission-Church in connection with the Congregation of the Fathers in Hagley Road. In course of time the property was purchased, along with some adjacent land, for the sum of £4,500, and a new church has been erected, at a cost of £6,000. The foundation-stone was laid Sept. 10th, 1883, and the opening ceremony took place in July, 1884, the old chapel and buildings being turned into schools for about 1,500 children.

St. Catherine of Siena, Horse Fair.—The first stone was laid Aug. 23, 1869, and the church was opened in July following.

St. Joseph's, Nechells, was built in 1850, in connection with the Roman Catholic Cemetery.

St. Mary's, Hunter's Lane, was opened July 28, 1847.

St. Mary's Retreat, Harborne, was founded by the Passionist Fathers, and opened Feb. 6, 1877.

St. Michael's, Moor Street, was formerly the Unitarian New Meeting, being purchased, remodelled, and consecrated in 1861.

St. Patrick's, Dudley Road, was erected in 1862.

St. Peter's, Broad Street, built in 1786, and enlarged in 1798, was the first Catholic place of worship erected here after the sack and demolition of the church and convent in Masshouse Lane. With a lively recollection of the treatment dealt out to their brethren in 1688, the founders of St. Peter's trusted as little as possible to the tender mercies of their fellow-towns-

men, but protected themselves by so arranging their church that nothing but blank walls should face the streets, and with the exception of a doorway the walls remained unpierced for nearly seventy years. The church has lately been much enlarged, and the long-standing rebuke no more exists.

In addition to the above, there are the Convents of "The Sisters of the Holy Child," in Hagley Road; "Sisters of Notre Dame," in the Crescent; "Little Sisters of the Poor," at Harborne; "Our Lady of Mercy," at Handsworth; and others connected with St. Anne's and St. Chad's, besides churches at Erdington, &c.

Police.—Though the Court Leet provided for the appointment of constables, no regular body of police or watchmen appear to have existed even a hundred years ago. In February, 1786, the magistrates employed men to nightly patrol the streets, but it could not have been a permanent arrangement, as we read that the patrol was "resumed" in October, 1793, and later on, in March, 1801, the magistrates "solicited" the inhabitants' consent to a re-appointment of the night-watch. After a time the Commissioners of the Streets kept regular watchmen in their employ—the "Charleys" occasionally read of as finding sport for the "young bloods" of the time—but when serious work was required the Justices appear to have depended on their powers of swearing-in special constables. The introduction of a police force proper dates from the riotous time of 1839 [See "*Chartism*"], for immediately after those troublous days Lord John Russell introduced a Bill to the House of Commons granting special powers for enforcing a rate to maintain a police force here, under the command of a Commissioner to be appointed by the Government. The force thus sought to be raised, though paid for by the people of Birmingham, were to be available for the whole of the counties of Warwick, Worcester and Stafford.

Coercive measures were passed at that period even quicker than Government can manage to get them through now a-days, and notwithstanding Mr. Thos. Attwood's telling Little Lord John that he was "throwing a lighted torch into a magazine of gunpowder" and that if he passed that Bill he would never be allowed to pass another, the Act was pushed through on the 13th of August, there being a majority of thirteen in favour of his Lordship's policy of policing the Brums into politeness. The dreaded police force was soon organised under Mr. Commissioner Burges (who was paid the small salary of £900 a year), and became not only tolerated but valued. It was not till some years after, and then in the teeth of much opposition, that the Corporation succeeded in getting into their own hands the power of providing our local guardians of the peace. Mr. Inspector Stephens was the first Chief Superintendent, and in March, 1860, his place was filled by the promotion of Mr. George Glossop. In April, 1876, the latter retired on an allowance of £400 a year, and Major Bond was chosen (June 2nd). The Major's term of office was short as he resigned in Dec. 1881. Mr. Farndale being appointed in his stead. In May, 1852, the force consisted of 327, men and officers included. Additions have been made from time to time, notably 50 in August, 1875, and 30 early in 1883, the total rank and file now being 550, equal to one officer for every 700 of population. February 8, 1876, the unpopular Public-house Inspectors were appointed, but two years' experience showed they were not wanted, and they were relegated to their more useful duties of looking after thieves and pick-pockets, instead of poking their noses into private business. In 1868, £200 was expended in the purchase of guns, pistols, and swords for the police and officers at the Gaol. The Watch Committee, in May, 1877, improved

the uniform by supplying the men with "spiked" helmets, doubtless to please the Major, who liked to see his men look smart, though the military appearance of the force has been greatly improved since by the said spikes being silvered and burnished.

Political Union.—See "*Reform Leagues.*"

Polling Districts.—The sixteen wards of the borough are divided into 131 polling districts.

Polytechnic.—This was one of the many local literary, scientific, and educational institutions which have been replaced by our Midland Institute, Free Libraries, &c. It was founded in April, and opened in October, 1843, and at the close of its first year there were the names of very nearly 500 members on the books, the rates of subscription being 6s. per quarter for participation in all the benefits of the institution, including the lectures, library, classes, baths, &c. With the "People's Instruction Society," the "Athenic Institute," the "Carr's Lane Brotherhood Society" (said to have been the first Mechanics' Institution in Britain), the Polytechnic, in its day, did good work.

Poor Law and Poor Rates.—Local history does not throw much light upon the system adopted by our early progenitors in their dealings with the poor, but if the merciless laws were strictly carried out, the wandering beggars, at all events, must have had hard lives of it. By an act passed in the reign of Henry VIII., it was ordered that vagrants should be taken to a market town, or other convenient place and there to be tied to the tail of a cart, naked, and beaten with whips until the body should be bloody by reason of the punishment. Queen Elizabeth so far mitigated the punishment that the unfortunates were only to be stripped from the waist upwards to receive their whipping, men and women, maids and mothers, suffering alike in

the open street or market-place, the practice being, after so using them, to conduct them to the boundary of the parish and pass them on to the next place for another dose, and it was not until 1791 that flogging of women was forbidden. The resident or native poor were possibly treated a little better, though they were made to work for their bread in every possible case. By the new Poor Act of 1783, which authorised the erection of a Workhouse, it was also provided that the "Guardians of the Poor" should form a Board consisting of 106 members, and the election of the first Board (July 15th, 1783), seems to have been almost as exciting as a modern election. In one sense of the word they were guardians indeed, for they seem to have tried their inventive faculties in all ways to find work for the inmates of the House, even to hiring them out, or setting them to make worsted and thread. The Guardians would also seem to have long had great freedom allowed them in the spending of the rates, as we read it was not an uncommon thing for one of them if he met a poor person bidly off for clothes to give an order on the Workhouse for a fresh "rig out." In 1873 the Board was reduced to sixty in number (the first election taking place on the 4th of April), with the usual local result that a proper political balance was struck of 40 Liberals to 20 Conservatives. The Workhouse, Parish Offices, Children's Homes, &c., will be noted elsewhere. Poor law management in the borough is greatly complicated from the fact of its comprising two different parishes, and part of a third. The Parish of Birmingham works under a special local Act, while Edgbaston forms part of King's Norton Union, and the Aston portion of the town belongs to the Aston Union, necessitating three different rates and three sets of collectors, &c. If a poor man in Moseley Road needs assistance he must see the relieving officer at the Parish Offices in the centre of the town.

if he lives on one side of Highgate Lane he must find the relieving officer at King's Heath; but if he happens to be on the other side he will have to go to Gravelly Hill or Erdington. Not long ago to obtain a visit from the medical officer for his sick wife, a man had to go backwards and forwards more than twenty miles. The earliest record we have found of the cost of relieving the poor of the parish is of the date of 1673 in which year the sum of £309 was thus expended. In 1773 the amount was £6,378, but the pressure on the rates varied considerably about then, as in 1786 it required £11,132, while in 1796 the figures rose to £21,050. According to Hutton, out of about 8,000 houses only 3,000 were assessed to the poor rates in 1780, the inhabitants of the remaining number being too poor to pay them. Another note shows up the peculiar incidence of taxation of the time, as it is said that in 1790 there were nearly 2000 houses under £5 rental and 8,000 others under £10, none of them being assessed, such small tenancies being first rated in 1792. The rates then appear to have been levied at the uniform figure of 6*l.* in the £ on all houses above £6 yearly value, the ratepayers being called upon as the money was required—in and about 1798, the collector making his appearance sixteen or eighteen times in the course of the year. The Guardians were not so chary in the matter of out relief as they are at present, for in 1795 there were at one period 2,427 families (representing over 6,000 persons, old and young) receiving out-relief. What this system (and bad trade) led to at the close of the long war is shown in the returns for 1816-17, when 36 poor rates were levied in the twelvemonth. By various Acts of Parliament, the Overseers have now to collect other rates, but the proportion required for the poor is thus shown:—

Year.	Rate in s. d.	Amount Collected. £	Paid to Corporation £	In Cost of and Out- Relief. £	Other Parochial Expendi- ture. £
1851	.. 4 0..	78,796..	39,573..	17,824..	21,399
1861	.. 3 6..	85,986..	34,413..	34,665..	14,878
1871	.. 3 2..	116,268..	44,293..	37,104..	34,871
1881	.. 4 8..	198,458..	107,520..	42,880..	48,058

The amounts paid over to the Corporation include the borough rate and the sums required by the School Board, the Free Libraries, and the District Drainage Board. In future years the poor-rate (so-called) will include, in addition to these, all other rates levyable by the Corporation. The poor-rates are levied half-yearly, and in 1848, 1862, and 1868 they amounted to 5*s.* per year, the lowest during the last forty years being 3*s.* in 1860; 1870, 1871, and 1872 being the next lowest, 3*s.* 2*d.* per year. The number of persons receiving relief may be gathered from the following figures:—

Year.	Highest No. daily	Lowest No. daily.
1876	..... 7,687	..... 7,058
1877	..... 8,240	..... 7,377
1878	..... 8,877	..... 7,242
1879	..... 14,651	..... 8,829
1880	..... 13,195	..... 7,596
1881	..... 11,064	..... 7,183
1882	..... 9,658	..... 7,462
1883	..... 8,347	..... 7,630

Not long ago it was said that among the inmates of the Workhouse were several women of 40 to 45 who had spent all their lives there, not even knowing their way into the town.

Population.—Hutton “calculated” that about the year 750 there would be 3,000 inhabitants residing in and close to Birmingham. Unless a very rapid thinning process was going on after that date he must have been a long way out of his reckoning, for the Domesday Book gives but 63 residents in 1086 for Birmingham, Aston, and Edgbaston. In 1555 we find that 37 baptisms, 15 weddings, and 27 deaths were registered at St. Martin's, the houses not being more than 700, nor the occupiers over 3,500

in number. In 1650, it is said, there were 15 streets, about 900 houses, and 5,472 inhabitants. If the writer who made that calculation was correct, the next 80 years must have been "days of progress" indeed, for in 1700 the town is said to have included 28 streets, about 100 courts and alleys, 2,504 houses, one church, one chapel, and two meeting-houses, with 15,032 inhabitants. In 1731 there were 55 streets, about 150 courts and alleys, 3,719 houses, two churches, one chapel, four Dissenting meeting-houses, and 23,286 inhabitants. The remaining figures, being taken from census returns and other reliable authorities, are more satisfactory.

Year.	Inhabitants.	Houses.
1741	24,660	4,114
1773	30,804	7,369
1778	48,252	8,042
1781	50,295	8,382
1791	73,653	12,651
1801	78,760	16,659
1811	85,755	19,096
1821	106,721	21,345
1831	142,251	29,397
1841	182,922	36,238
1851	232,841	48,894
1861	296,076	62,708
1871	343,787	77,409
1881	400,774	84,263

The inhabitants are thus divided as to sexes:

Year.	Males.	Females.	Totals.
1861	143,996	152,080	296,076
1871	167,636	176,151	343,787
1881	194,540	206,234	400,774

The increase during the ten years in the several parts of the borough shows:

	Birmingham parish.	Edgbaston parish.	Part of Aston in borough.	Totals.
1881 ..	246,352 ..	22,778 ..	131,644 ..	400,774
1871 ..	231,015 ..	17,442 ..	95,330 ..	343,787
Increase	15,337	5,336	36,314	56,987

These figures, however, are not satisfactorily correct, as they simply give the totals for the borough, leaving out many persons who, though residing outside the boundaries are to all intents and purposes Birmingham people; and voluminous as census papers usually are, it is difficult from those of 1871 to arrive at the proper number, the

districts not being subdivided sufficiently. Thus, in the following table, Handsworth includes Soho and Perry Barr, Harborne parish includes Smethwick, Balsall Heath is simply the Local included district, while King's Norton Board is Moseley, Selly Oak, &c.

Places.	Inhabitants.
Aston Parish	139,998
Aston Manor	33,948
Balsall Heath	13,615
Handsworth ..	16,042
Harborne Parish	22,263
Harborne Township ..	5,105
King's Norton Parish ..	21,845
Yardley Parish	5,360

For the census of 1881, the papers were somewhat differently arranged, and we are enabled to get a nearer approximation, as well as a better notion of the increase that has taken place in the number of inhabitants in our neighbourhood.

Place.	1871	1881
Acoc's Green ...	1,492 ...	2,796
Aston Manor ...	33,948 ...	53,844
Aston Parish ...	139,993 ...	201,287
Aston Union ...	146,808 ...	209,869
Balsall Heath ...	13,615 ...	22,734
Birchfield ...	2,544 ...	3,792
Castle Bromwich ...	689 ...	723
Erdington ...	4,883 ...	7,153
Handsworth ...	16,042 ...	22,903
Harborne ...	5,105 ...	6,433
King's Heath ...	1,982 ...	2,984
King's Norton ...	21,845 ...	34,178
King's Norton Union ...	— ...	96,143
Knowle ...	1,371 ...	1,514
Moseley ...	2,374 ...	4,224
Northfield ...	4,609 ...	7,190
Olton ...	— ...	906
Perry Barr ...	1,683 ...	2,314
Quinton ...	2,010 ...	2,145
Saltley ...	— ...	6,419
Selly Oak ...	2,854 ...	5,089
Smethwick ...	17,158 ...	25,076
Solihull ...	3,739 ...	5,301
Ward End ..	— ...	866
Water Orton ...	— ...	396
Witton ...	182 ...	265
Yardley ...	5,360 ...	9,741

The most remarkable increase of population in any of these districts is in the case of Aston Manor, where in fifty years the inhabitants have increased from less than one thousand to considerably more than fifty thousand. In 1831, there were 946; in 1841, the number was 2,847; in 1851 it was 6,429; in 1861 it reached 16,337; in 1871 it had doubled to 33,948; in 1881 there were 53,844. Included among the inhabitants of the borough in 1881 there were

	Males.	Females.	Totals.
Foreigners	1,288 ..	859 ..	2,147
Irish	3,488 ..	3,584 ..	7,072
Scotch	912 ..	755 ..	1,667
Welsh	1,575 ..	1,742 ..	3,317
Colonial	428 ..	477 ..	905
Born at sea....	29 ..	21 ..	50

Of the English-born subjects of Her Majesty here 271,845 were Warwickshire lads and lasses, 26,625 came out of Staffordshire, 21,504 from Worcestershire, 10,158 from Gloucestershire, 7,941 from London, 5,622 from Shropshire, and 4,256 from Lancashire, all the other counties being more or less represented. The following analysis of the occupations of the inhabitants of the borough is copied from the *Daily Post*, and is arranged under the groups adopted by the Registrar-General:—Occupations of Persons.

	Males.	Females.	Total.
Persons engaged in general or local government	1,145	79	1,224
Army and navy	307	—	307
Clerical profession and their subordinates	237	98	335
Legal ditto	445	—	445
Medical ditto	336	496	832
Teachers	512	1,395	1,907
Literary and scientific	70	4	74
Engineers and surveyors	111	—	111
Artists, art-workers musicians, &c.	729	398	1,127
Engaged in exhibitions, shows, games, &c.	102	17	119
Domestic service	1,444	13,875	15,319
Other service	176	4,058	4,234
Commercial occupations	6,172	422	6,594

	Males.	Females.	Total
Engaged in conveyance of men, goods, and messages	9,442	1,839	11,281
Engaged in agriculture	881	25	906
Engaged about animals	771	5	776
Workers and Dealers in Books, prints, and maps	1,888	428	2,316
Machines and implements	11,189	3,385	14,574
Houses, furniture, and decorations	12,781	1,209	13,990
Carriages and harness	2,748	466	3,214
Ships and boats	67	—	67
Chemicals and their compounds	507	250	757
Tobacco and pipes	200	351	551
Food and lodging	8,126	2,121	10,247
Textile fabrics	1,229	920	2,149
Dress	6,894	12,946	19,840
Various animal substances	1,431	744	2,175
Ditto vegetable substances	2,277	2,237	4,514
Ditto mineral substances	36,933	9,582	46,515
General or unspecified commodities	10,542	2,631	13,173
Refuse matters	246	18	264
Without specified occupations	45,691	116,892	162,583
Children under five years	28,911	29,133	58,044
Total	181,540	206,234	400,774

The comparative population of this and other large towns in England is thus given:—

	Pop. 1881.	Pop. 1871.	Inc.	Per cent of inc.
London	3,707,130	3,254,260	452,870	13.89
Liverpool ..	549,834	493,305	56,429	11.35
Birmingham	400,774	343,787	56,987	16.52
Manchester ..	364,445	351,139	13,256	3.70
Salford	194,077	124,801	69,276	55.64
Leeds	326,158	259,212	66,946	25.81
Sheffield ...	312,943	239,946	72,997	30.38
Bristol	217,185	182,552	34,633	13.47
Bradford ...	203,544	145,839	57,614	39.50
Nottingham ..	177,934	86,621	91,343	105.81
Hull	152,989	121,892	31,088	25.62
Newcastle... ..	151,822	128,443	23,379	17.96
Portsmouth ..	136,671	113,569	23,102	20.35
Leicester ...	134,350	95,220	39,130	41.05
Oldham	119,658	82,629	37,029	45.11
Sunderland ..	118,927	98,242	20,685	20.40
Brighton ...	109,032	90,911	19,051	21.11
Norwich	86,437	80,386	6,051	7.50
Wolverhampton	76,850	68,291	8,569	12.46
Plymouth... ..	75,700	68,758	6,942	7.10

Portugal House. — See "*The Royal.*"

Post Offices.—Charles I. must be credited with founding the present Post Office system, as in 1635 he commanded that a running post or two should be settled "to run night and day between London and Edinburgh, to go thither and come back again in six days, and to take with them all such letters as shall be directed to any post town in or near that road." Other "running posts" were arranged to Exeter and Plymouth, and to Chester and Holyhead, &c., and gradually all the principal places in the country were linked on to the main routes by direct and cross posts. It has often been quoted as a token of the insignificance of Birmingham that letters used to be addressed "Birmingham, near Walsall;" but possibly the necessity of some writer having to send here by a cross-country route, *via* Walsall, will explain the matter. That our town was not one of the last to be provided with mails is proved by Robert Girdler, a resident of Edgbaston Street in 1652, being appointed the Government postmaster. Where the earlier post offices were situated is uncertain, but one was opened in New Street Oct. 11, 1783, and it is generally believed to have been the same that existed for so many years at the corner of Bennett's Hill. As late as 1820 there was no Bennett's Hill, for at that time the site opposite the Theatre was occupied (on the side nearest to Temple Street) by a rick-yard, with accommodation for the mailcoaches and stabling for horses. Next to this yard was the residence of Mr. Gottwaltz, the postmaster, the entrance doorway being at first the only accommodation allowed to the public, and if more than four persons attended at one time the others had to stand in the street. When Bennett's Hill was laid out, the post office was slightly altered, so as to give a covered approach on that side to the letterbox and window, the mailcoaches being provided and horsed by the hotelkeepers

to whom the conveyance of the mails was entrusted, the mail-guards, or mail-postmen, remaining Government officials. The next office was opened Oct. 10, 1842, on premises very nearly opposite, and which at one period formed part of the new Royal Hotel. The site is now covered by the Colonnade, the present convenient, but not beautiful, Central Post Office, in Paradise Street, being opened Sep. 23, 1873. There are 65 town receiving offices (52 of which are Money Order Offices and Savings' Banks and 13 Telegraph Stations), and 103 pillar and wall letter-boxes. Of sub-offices in the surrounding districts there are 64, of which more than half are Money Order Offices or Telegraph Offices. For the conduct of the Central Office, Mr. S. Walliker, the postmaster, has a staff numbering nearly 300, of whom about 250 are letter carriers and sorters. The Central Postal Telegraph Office, in Cannon Street, is open day and night, and the Central Post Office, in Paradise Street, from 7 a.m. to 10 p.m. On Sunday the latter office is open only from 7 a.m. to 10 a.m., but letters are dispatched by the night mails as on other days. The Head Parcels Post Office is in Hill Street, on the basement floor of the Central Post Office, from which there are four collections and deliveries daily.

Postal Notes.—In 1748 letters were conveyed from here by post on six days a week instead of three as previously. To help pay the extra expense it was enacted that any person sending letters by private hands should be liable to a fine of £5 for every letter. —In 1772 a letter sent by "express" post was charged at the rate of 3d. per mile, with a 6l. fee for each stage and 2s. 6d. for the sending off. —Mails for the Continent were made up fortnightly, and once a month for North America. —In 1780, when James Watt was at Truro and Boulton at Birmingham, it took thirteen days for the one to write to and get an answer from the other, and on one occasion a sim-

gle letter was eleven days on the road.

—A local "penny post" was commenced September 4, 1793, but there was only one delivery per day and the distance was confined to one mile from the office.—The postage on letters for London was reduced to 7d., December 1, 1796, but (and for many years after) if more than one piece of paper was used the cost was doubled.—In 1814 the postage of a letter from here to Warwick was 7d.—The system of "franking" letters was abolished in 1839. This was a peculiar privilege which noblemen, Members of Parliament, and high dignitaries possessed of free postage for all their correspondence, and very strange use they made of the privilege sometimes, one instance being the case of two maid-servants going as laundresses to an Ambassador who were thus "franked" to their destination. This privilege cost the Post office about £100,000 a year.—The penny postage system of Rowland Hill came into operation January 10th, 1840.—In 1841-2 there were only two deliveries per day in the centre of the town, and but one outside the mile circle, an extra penny being charged on letters posted in town for delivery in the outer districts.—The collection of a million postage stamps for the Queen's Hospital closed Sep. 5, 1859.—Halfpenny stamps for newspapers were first used in 1870.—The telegraphs were taken to by the Post Office in 1876, the first soirée in celebration thereof being held at Bristol Street Board School, Jan. 29, 1877.—The Inland Parcels Post came into operation on August 1, 1883, the number of parcels passing through our local office being about 4,000 the first day, such trifles as beehives, umbrellas, shoes, scythes, baskets of strawberries, &c., &c., being among them. The number of valentines posted in Birmingham on Cupid's Day of 1844 was estimated at 125,000 (the majority for local de-

livery), being about 20,000 more than in the previous year.

Power.—That the letting of mill-power would be a great advantage to hundreds of the small masters whose infinitude of productions added so enormously to the aggregate of our local trade was soon "twigged" by the early owners of steam engines. The first engine to have extra shafting attached for this purpose was that made by Newcomen for a Mr. Twigg in Water Street (the premises are covered by Muntz's metal works now), who, in 1760, advertised that he had "power to let."

Presentations.—No local antiquarian has yet given us note of the first public presentation made by the inhabitants of this town, though to the men they have delighted to honour they have never been backward with such flattering and pleasing tokens of goodwill. Some presentations have been rather curious, such as gold-plated buttons and ornate shoe buckles to members of the Royal Family in hopes that the patronage of those individuals would lead to changes in the fashion of dress, and so influence local trade. The gift of a sword to Lord Nelson, considering that the said sword had been presented previously to a volunteer officer, was also of this nature. The Dissenters of the town gave £100 to the three troops of Light Horse who first arrived to quell the riots in 1791, and a similar sum was voted at a town's meeting; each officer being presented with a handsome sword. Trade should have been good at the time, for it is further recorded that each magistrate received a piece of plate valued at one hundred guineas.—Since that date there have been hundreds of presentations, of greater or lesser value, made to doctors and divines, soldiers and sailors, theatricals and concert-hall men, lawyers and prizelighers, with not a few to popular politicians and leading literary men &c. Lord Brongham (then plain Mr.

being the recipient at one time (July 7, 1812); James Day, of the Concert Hall, at another (Oct. 1, 1878); the "Tip-top Slasher" was thus honoured early in 1865, while the Hon. and Very Rev. Grantham Yorke, D.D., was "gifted" at the latter end of 1875. Among the presentations of later date have been those to Dr. Bell Fletcher, Mr. Gamgee, Mr. W. P. Goodall, and other medical gentlemen; to Canon O'Sullivan, the late Rev. J. C. Barratt, and other clergymen; to Mr. Edwin Smith, secretary of Midland Institute; to Mr. Schnadhorst of the Liberal Association; to Mr. Jesse Collings, for having upheld the right of free speech by turning out of the Town Hall those who differed with the speakers; and to John Bright in honour of his having represented the town in Parliament for twenty-five years.—On April 30, 1863, a handsome silver repoussé table was presented to the Princess of Wales on the occasion of her marriage, the cost, £1,500, being subscribed by inhabitants of the town.

Price of Bread.—At various times during the present century the four-pound loaf has been sold here as follows:—At 4½d. in 1852; at 7½d. in 1845; at 9½d. in June, 1857, and June, 1872; at 10d. in December, 1855, June, 1868, and December, 1872; at 10½d. in February, 1854, December, 1855, December, 1867, and March, 1868, at 11d. in December, 1854, June, 1855, and June 1856; at 11½d. in November, 1846, May and November, 1847, and May, 1848; at 1s. and onwards to 1s. 5½d. in August, 1812, and again in July, 1816; and may God preserve the poor from such times again.—See "*Hard Times*."

Prices of Provisions, &c.—In 1174, wheat and barley sold at Warwick for 2½d. per bushel, hogs at 1s. 6d. each, cows (salted down) at 2s. each, and salt at 1½d. per bushel. In 1205 wheat was worth 12 pence per bushel, which was cheap, as there had been some years of famine previous thereto. In

1390 wheat was sold at 13d. per bushel, so high a price that historians say there was a "dearth of corn" at that period. From accounts preserved of the sums expended at sundry public feasts at Coventry (Anno 1452 to 1464) we find that 2s. 3d. was paid for 18 gallons of ale, 2s. 6d. for 9 geese, 5d. for 2 lambs, 5d. for a calf, 10d. for 9 chickens, 3d. for a shoulder of mutton, 1s. 3d. for 46 pigeons, 8d. for a strike of wheat and grinding it, &c. An Act of Parliament (24, Henry VIII.) was passed in 1513 that beef and pork should be sold at a half-penny per pound. In 1603 it was ordered that one quart of best ale, or two of small, should be sold for one penny. In 1682 the prices of provisions were, a fowl 1s., a chicken 5d., a rabbit 7d.; eggs three for 1d.; best fresh butter, 6d. per lb.; ditto salt butter, 3½d.; mutton 1s. 4d. per stone of 8lb.; beef, 1s. 6d. per stone; lump sugar, 1s. per lb.; candles, 3½d. per lb.; coals, 6d. per sack of 4 bushels; ditto charcoal, 1s. 2d. best, 8d. the smallest. Wheat averaged 50s. per quarter, but the greatest part of the population lived almost entirely on rye, barley, oats, and peas. Cottages in the country were let at about 20s. per annum. In 1684 a pair of shoes cost 3s. 6d.; a pair of stockings, 1s. 4d.; two shirts, 5s. 4d.; leather breeches, 2s.; coat, waistcoat, and breeches, 16s.; a coffin, 5s.; a shroud and a grave for a poor man, 3s. 10d. In November, 1799, the quartern loaf was sold in London, at 1s. 10½d. and in this town at 1s. 4d., the farmers coming here to market having to be protected by constables for months together.

Priory.—History gives us very little information respecting the Hospital or Priory of St. Thomas the Apostle [See "*Old Square*"] and still less as the Church or Chapel of St. Thomas the Martyr. The site of the Priory was most probably where the Old Square was laid out, though during the many alterations that have latterly been made not a single stone has been discovered to prove it so. A

few bones were found during the months of Aug. and Sept., 1884, and it is said that many years back a quantity of similar remains were discovered while cellars were being made under some of the houses in Bull Street, and one late writer speaks of cellars or crypts, which were hastily built up again. From these few traces it is not unlikely that the Chapel existed somewhere between the Minories and Steelhouse Lane, monkish chants probably resounding where now the members of the Society of Friends sit in silent prayer. Ancient records tell us that in 1285 three persons (William of Birmingham, Thomas of Maidenhacche, and Ranulph of Rugby) gave 23 acres of land at Aston and Saltley (then spelt Saluteleye) for the "endowment" of the Hospital of St. Thomas the Apostle, but that rather goes to prove the previous existence of a religious edifice instead of dating its foundation. In 1310 the Lord of Birmingham gave an additional 22 acres, and many others added largely at the time, a full list of these donors being given in Toulmin Smith's "Memorials of old Birmingham." In 1350, 70 acres in Birmingham parish and 30 acres in Aston were added to the possessions of the Priory, which by 1547, when all were confiscated, must have become of great value. The principal portions of the Priory lands in Aston and Saltley went to enrich the Holte family, one (if not the chief) recipient being the brother-in-law of Sir Thomas Holte; but the grounds and land surrounding the Priory and Chapel appear to have been gradually sold to others, the Smallbroke family acquiring the chief part. The ruins of the old buildings doubtless formed a public stonequarry for the builders of the 17th century, as even Hutton can speak of but few relics being left in his time, and those he carefully made use of himself! From the mention in an old deed of an ancient well called the "Scitewell" (probably Saints' Well"), the Priory grounds seem to have ex-

tended along Dale End to the Butts (Stafford Street), where the water was sufficiently abundant to require a bridge. It was originally intended to have a highly-respectable street in the neighbourhood named St. Thomas Street, after the name of the old Priory, a like proviso being made when John Street was laid out for building.

Prisons.—Before the incorporation of the borough all offenders in the Manor of Aston were confined in Bordesley Prison, otherwise "Tarte's Hole" (from the name of one of the keepers), situate in High Street, Bordesley. It was classed in 1802 as one of the worst gaols in the kingdom. The prison was in the backyard of the keeper's house, and it comprised two dark, damp dungeons, twelve feet by seven feet, to which access was gained through a trapdoor, level with the yard, and down ten steps. The only light or air that could reach these cells (which sometimes were an inch deep in water) was through a single iron-grated aperture about a foot square. For petty offenders, runaway apprentices, and disobedient servants, there were two other rooms, opening into the yard, each about twelve feet square. Prisoners' allowance was 4d. per day and a rug to cover them at night on their straw. In 1809 the use of the underground rooms was put a stop to, and the churchwardens allowed the prisoners a shilling per day for sustenance. Those sentenced to the stocks or to be whipped received their punishments in the street opposite the prison, and, if committed for trial, were put in leg-irons until called for by "the runners." The place was used as a lock-up for some time after the incorporation, and the old irons were kept on show for years.—The old Debtors' Prison in 1802 was in Philip Street, in a little back courtyard, not fourteen feet square, and it consisted of one damp, dirty dungeon, ten feet by eleven feet, at the bottom of a descent of seven steps, with a sleeping-room, about same

size, over it. In these rooms male and female alike were confined, at one time to the number of fifteen; each being allowed 3d. per day by their parishes, and a little straw on the floor at night for bedding, unless they chose to pay the keeper 2s. a week for a bed in his house. In 1809 the debtors were removed to the Old Court House [See "*Court of Requests*"], where the sleeping arrangements were of a better character. Howard, the "Prison Philanthropist," visited the Philip Street prison in 1782, when he found that the prisoners were not allowed to do any work, enforced idleness (as well as semi-starvation) being part of the punishment. He mentions the case of a shoemaker who was incarcerated for a debt of 15s., which the keeper of the prison had to pay through kindly allowing the man to finish some work he had begun before being locked up. In these enlightened days no man is imprisoned for owing money, but only because he does not pay it when told to do so.—See also "*Dungeon*" and "*Gaols*."

Privateering.—Most likely there was some truth in the statement that chains and shackles were made here for the slave-ships of former days, and from the following letter written to Matthew Boulton in October, 1778, there can be little doubt but that he at least had a share in some of the privateering exploits of the time, though living so far from a seaport:—"One of the vessels *our* little brig took last year was fitted out at New York, and in a cruise of thirteen weeks has taken thirteen prizes, twelve of which are carried safe in, and we have advice of 200 hogsheads of tobacco being shipped as part of the prizes, which if now here would fetch us £10,000," &c.

Progress of the Town.—The Borough Surveyor favours us yearly with statistics giving the number of new buildings erected, or for which plans have been approved, and to show

how rapidly the town is progressing in extent, we give a few of the figures. The year 1854 is memorable in the building trade, as there were 2,219 new houses erected, the average for years after not being 1,000. In 1861 the number was but 952; in 1862, 1,350; in 1863, 1,694; in 1864, 1,419; in 1865, 1,056; in 1866, 1,411; in 1867, 1,408; in 1868, 1,548; in 1869, 1,709; in 1870, 1,321; in 1871, 1,076; in 1872, 1,265; in 1873, 993. The building report for the last ten years is thus tabulated:—

	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883
Houses and Shops	1611	3395	2903	2700	1205	1197	1301	1236	656	938
Churches	1	1	1	1	—	—	—	—	2	2
Chapels	2	2	5	3	1	—	1	1	—	1
Schools	9	15	6	6	4	—	—	2	6	1
Manufactories and Warehouses	76	80	107	86	64	102	64	91	64	73
Miscellaneous	42	48	43	90	96	101	71	84	62	97
Alterations	47	67	52	167	290	225	222	180	163	158
	1788	3608	3117	3053	1660	1625	1659	1594	963	1235

Under the heading of "Miscellaneous" are included such erections as libraries, public halls, clubs, arcades, slaughter-houses, cowsheds, and all other necessary and useful buildings appertaining to human hives, but which need not be particularised.

Probate.—The Probate Registry Office is at No. 15, Old Square.

Promenades—When Corporation Street is finished, and its pathways nicely shaded with green-leaved trees, it will doubtless be not only the chief business street of the town, but also the most popular promenade. At present the gay votaries of dress and fashion principally honour New Street, especially on Saturday mornings. Hagley Road, on Sunday evenings, is particularly affected by some as their favourite promenade.

Proof House.—The foundation stone of the Proof House, Banbury Street, was laid October 4th, 1813, the yearly number of gun, rifle, and pistol barrels proved at the establishment averages over half a million.—See "*Trades*"

Property.—The Birmingham Property Owners' and Ratepayers' Protection Association was formed in May, 1872. Out of 70,000 separate assessments the owners pay the rates in more than 50,000 cases.

Provident Dispensaries.—See "*Dispensaries.*"

Provident Societies.—See "*Friendly, Benevolent, and Provident Institutions.*"

Provincialisms.—Like the inhabitants of most other parts of the country Birmingham people are not without their peculiarities of speech, not so strongly characterised perhaps as those of the good folks of Somersetshire, or even some of our neighbours in the Black Country, but still noticeable. For instance, few workmen will take a holiday; they prefer a "day's out" or "play." They will not let go or

abandon anything, but they "loose" it. They do not tell you to remove, but "b' off." They prefer to "pay at twice" in lieu of in two instalments. The use of the word "her" in place of "she" is very common, as well as the curious term "just now," for an indefinite time to come, as "Her'll do it just now," instead of "She will do it soon." In vulgar parlance this o'k is not your own or our own, but "younn" or "ourn," or it may be "hish" or "hern." In pronunciation as well, though perhaps not so markedly, our people are sometimes peculiar, as when they ask for a "stahmp," or put out their "tong," &c., stressing of en laid also on the word "and," as well as upon syllables not requiring it, as *dictionary, volunteers*, &c.

Public Buildings.—The Guild Hall, in New Street, and the Roundabout House in High Street were at one time the only public buildings in the town, besides the Parish Church, the Lockups, and the Pinfold. The Market Cross, Public Office, Workhouse, &c., came after, and it is only of late years we have been able to boast of Town Hall, Market Hall, Parish Office, Council House and all the other establishments so necessary to the dignity of a town ranking as third largest in the Kingdom. The huge piles that have been erected during the last dozen years or so are of so varied a character that it becomes somewhat difficult to draw a line between those which are strictly of a private nature and the so-called "public" buildings; under which heading perhaps even Railway Stations, Banks, and Theatres might properly come. The following are some of the chief edifices not noted elsewhere:—

County Court.—The new County Court, at the corner of Corporation Street and Newton Street, was erected from the plans of Mr. J. Williams at a cost of about £20,000. It is built of Hollington Stone, in Italian style,

though, like that other Government-built edifice, the new Post Office, it is of too heavy an appearance. The two entrances for the general public are in Newton Street, the Registrar's and principal Courts being on the first floor, though neither are near large enough for the business intended to be practised therein. The entrance to the Judge's rooms is in Corporation Street, under a portico with Doric columns.

Drill Hall.—In 1880 a company was formed, with a capital of £5,000 in £20 shares, for the purpose of building a Drill Hall and suitable head-quarters for the local Volunteers. A site in Thorpe Street, containing 2,287 square yards, was taken on lease for 99 years at £100 rental, and very suitable premises have been erected, the frontage to the street (183 ft.) allowing the formation of a lofty drill hall, 180 ft. long by 85 ft. wide, at the rear of the usual and useful offices and rooms required. The latter comprise on the ground floor an orderly room and strong room, sergeant-major's office, armoury, clothing store, non-commissioned officers' room, privates' meeting room, sergeant-major's and staff-sergeant's quarters, and stables. On the first floor there are an officers' meeting room, a sergeants' meeting room, long galleries, &c.; the whole building being characteristically laid out for military purposes.

Fire Engine Stations.—The Central Fire Brigade Station, which is in telephonic communication with all the police stations, the theatres, various public buildings, and chief manufacturing, is situated in the Upper Priory, between the Old Square and Steelhouse Lane, and is easily distinguishable by the large red lamp outside its gate. There are here kept ready for instant use three manual and one steam engine, the latter being capable of throwing 450 gallons of water per minute to a height of 120 feet, the other also being good specimens of their class. Each manual engine has

on board its complement of hose, branches (the brass pipes through which the water leaves the hose), stand-pipes for connecting the hose with the water mains), &c., while at its side hang scaling-ladders, in sections which can readily be fitted together to reach a considerable height. The engine-house also contains a tender to the steam machine, a horse hose-cart, a hand hose-cart, and a number of portable hand-pumps. It is with these hand-pumps that the majority of the fires in Birmingham are extinguished, and one of them forms a portion of the load of every engine. Several canvas buckets, which flatten into an inconceivably small space, are also taken by means of which, either by carrying or by passing from hand to hand, the reservoirs of the pump can be kept filled, and a jet of water be made available where, perhaps, it would be difficult or impossible to bring hose. The hose kept at the station amounts to a total length of 2,487½ yards, of which about 1,700 yards is always kept on the engines, hose-carts, tender, and fire escapes ready for instant use. The remainder forms a reserve to allow for repairs, drying, &c. Between the engine-house and the street is a commodious house for the assistant-superintendent, with a very pleasant yard on the roof of the engine-house. Adjoining the engine-house on the other side, is the stable, where five splendid horses are kept. In the yard stand three fire-escapes, each fitted with a box containing hose, stand-pipes and branches, so that it may be utilised for extinguishing fires independent of the engines. The total strength of the brigade is twenty-five, including the superintendent (Mr. A. R. Tozer), the assistant superintendent Mr. J. Tiviotdale, two engineers, and an assistant engineer. Eighteen of the brigade reside at the central station, the others being quartered at the seven divisional police stations and at the fire station in Bristol Street (opposite the Bell Inn), at each of which places

are kept an escape, or an hose-cart, and one or two hand-pumps with the needful hose and appliances. The cost of the buildings in the Upper Priory, including the site (1,500 square yards at seven guineas per yard), was about £20,000, there being in addition to the offices and stables, a waiting-room (in which two men are on duty night and day), a drill ground 153 ft. long by 40 ft. wide, an engine-room large enough for six engines, good-sized recreation rooms, baths, &c. The residences are erected upon the "flat" system, and have a special interest in the fact that they constitute the first important introduction of that style of building in Birmingham. The advantages and the drawbacks, if any, of the system may here be seen and judged of by all who are interested in the matter. On the ground floor there are three residences, each having a living room, which may be used as a kitchen and two bed rooms adjoining. A semi-circular open staircase gives access to the flats, and on the first floor there are four residences, one being formed over the firemen's waiting room and office. On this floor additional bed rooms are provided for men with families requiring them; and the second floor is a reproduction of the first. On the top of all there is a flat upon which are erected five wash-houses, the remainder of the space being used as a drying ground or play ground for children, the whole enclosed with iron palisades. In the basement there is a lock-up cellar for each of the residences.

Fish Market.—A rather plain-looking erection, of the open-shed style of architecture was put up at the corner of Bell Street in 1870, the foundation stone being laid July 14. It has since been enlarged, and is now much more ornamental as well as being useful. The estimated cost of the alterations is put at £16,000 including fittings. The original area was only 715 square yards, but to that has been added 909 square yards, and Bell Street (to which

it will have a frontage of 240 feet), which will be widened to 16 yards, is to be covered with iron and glass roof, Lease Lane is also to be widened for access to the market.

Lincoln's Inn.—This is a huge block of offices erected in Corporation Street, opposite the County Court, in 1883, and which, like its London namesake, is intended for the accommodation of solicitors, accountants, and other professional gentlemen. There are a number of suites of offices surrounding an inner court (66 ft. by 60 ft.), with from two to eight rooms each, the street frontages in Corporation Street and Dalton Street being fitted as shops, while there is a large room under the court (48 ft. by 42 ft.) suitable for a sale room or other purpose. The outside appearance of the block is very striking, having a large entrance gateway with a circular bay window over it, surmounted by a lofty tower. The tower has four clock faces, pinnacles at the angles, and a steep slate roof, and is 120 feet high. There are also two flanking towers, at the extreme ends of the front. These have cantled bay windows below them, and their pediments are surmounted by figures representing Mercury and Athene. The space on each side between the central and the flanking tower is divided into three bays, having ornamental dormers above them, and being divided by niches, which will serve to hold allegorical figures of the arts. The windows are ornamented by tracery, and the façade is enriched by a free use of carving. The architect is Mr. W. H. Ward, and the cost of the pile about £22,000.

Market Hall.—The foundation stone was laid Feb. 28, 1833, and it was opened for business Feb. 14, 1835. The building, which is constructed of freestone, from the designs of Mr. Edge, cost about £30,000, though considerable sums have since been spent on it. The large vaults constructed under the Hall in 1875 cost about £4,000. It contains an area of 39,411 square feet, being 365 feet long, 108

feet broad, and 60 feet high, and was originally planned to give stall-room for 600 dealers. The liquor shop, house, and vaults beneath, at corner of Bell Street, were let on lease by auction (Nov. 1833) for 100 years, for the sum of £5,400 and a 20s. yearly rental. In 1876 the Corporation gave £15,000 to resume possession, afterwards reletting the premises at £800 a year, with a further £100 for the vaults. The Street Commissioners, when retiring from office, placed in the centre of the Hall a fountain of very appropriate design (uncovered Dec. 24, 1851), and ornamented with bronze figures characteristic of Birmingham manufactures, but which has been removed to Highgate Park. A clock was put above the spot where the fountain stood, in April, 1852, which cost £60.—A Market Hall was erected in Prospect Row in 1837, but was very little used as such. A few years back it was partly turned into a dépôt for American meat, but is now simply used for warehouses.

Masonic Hall.—The first stone of this building, situated at the corner of New Street and Ethel Street, was laid Sept. 30, 1865, the ceremony of dedication taking place April 26th, 1870.

Municipal Buildings.—The advancement of the town in trade and prosperity, population, and wealth, made it necessary years ago for our local governors to look out for a central spot on which could be gathered the many offices and officers appertaining to the Corporation of a large town like Birmingham. They were fortunate in being able (in 1854) to secure so eligible a site, in such a central position, and with such commanding elevation, as the one at the corner of Ann Street and Congreve Street, though at first glance the acquisition would appear to have been a costly one. The price of the land and reversion thereto was £39,525, but during the years that elapsed before the ground was cleared ready for building (1872) the interest brought that sum up to nearly £70,000. The total

area was 11,540 square yards, of which 4,455 square yards were thrown into the streets. Thus, though the original price was but 68s. 6d. per yard, by the time the buildings were erected the actual site cost over £9 per yard. The plans were approved Feb. 11, 1873, the contract for building being £84,120, but during the course of erection many important additions and alterations were made to the original plans, raising the cost to £144,743. Part of the ground was originally intended to be covered with Assize Courts, but have been devoted to the erection of a magnificent Art Gallery, &c., so that more than a quarter million sterling will ultimately have been spent on the spot. The foundation stone was laid by the then Mayor, Mr. Joseph Chamberlain, June 17, 1874, and the erection took about five years, the "hoarding" being removed July 18, 1879. The design of the Municipal Buildings is essentially classical, but not of any particular style, Mr. Yeoville Thomasson, the architect, having given free rein to his own conceptions of what was required in a modern erection of the nature of a local Parliament House. The south, or principal front (to Ann Street), has a length of 296 feet, the frontage to Congreve Street is 122 feet, and that to Eden Place is 153 feet. From the ground to the top of the main cornice the height is 65 feet; the pediment over the central entrance is 90 feet high; the stone cornice of the dome 114 feet; and the top of the final 162 feet, the dome rising behind the central pediment from the main staircase. Looked at from a distance, the features of the building that at first strike the spectator are the carved groups of life-sized figures in the six pediments. The Ann Street and Congreve Street frontages have a pediment at each end, of semicircular shape, and the Eden Place frontage has one at the end where it joins the principal front. The pediment in the centre of the south front is triangular in shape, and contains a group of sculptured figures

representing "Britannia rewarding the Birmingham manufacturers." In the other pediments the groups represent Manufacture, Commerce, Literature, Art, and Science. Under the central pediment, and within a semicircular arch over the central entrance, is a large and beautiful figure-subject in mosaic, executed by Messrs. Salvati and Co., of London. Besides the central entrance, which is reached through a portico supported by square and round columns, and is reserved for the use of the Town Council and state occasions, there are four entrances to the building, one at each end of the principal front, one in Eden Place, and the other within the gateway which runs through the Congreve Street wing into the courtyard at the back. By the last-mentioned staircase access is obtained by the general public to the Council Chamber. The building contains 94 rooms of various sizes, three of the largest devoted to occasions of ceremony, and the rest to the uses of the different departments of the Corporation work. The central of the three reception rooms is 30 feet square, and is divided from the other two by an open screen of marble columns, both rooms being 61ft. by 30ft. The Council Chamber is 39ft. wide and, including the gallery for spectators, is 48ft. long, the fittings and furniture being of the most substantial character as well as ornamental. In various parts of the building accommodation has been found for the Town Clerk, the Borough Treasurer, Surveyor, Analyst, Chief Constable, and every other department of Corporation work. The furnishing of the Council Chamber and the other parts of the Municipal Buildings amounted to £15,603, the laying in of the gas and water services being £2,418 additional.

Odd-Fellows' Hall.—Before the New Street Railway Station was erected there was an Odd-Fellows' Hall in King Street. The first stone of the present building in Upper Temple

Street was laid early in 1849, the opening ceremony taking place Dec. 3 same year. The principal room or "hall" will accommodate about 1,000 persons, the remaining portion of the premises being let off in offices.

Parish Offices.—The meeting-place of the Board of Guardians and their necessary staff of officers has from the earliest days of Poor Law government been the most frequented of any of our public buildings. Formerly the headquarters were at the Workhouse in Lichfield Street, but when that institution was removed to Birmingham Heath, the large building at the corner of Suffolk Street and Paradise Street was built for the use of the parish officers, possession being taken thereof Feb. 26, 1853. Thirty years seems but a short period for the occupation of such a pile of offices, but as it has been necessary several times to enlarge the Workhouse, as well as to collect very much larger sums from the ratepayers, it is but in the natural order of things that the Overseers, Guardians, and all others connected with them should be allowed more elbow-room. A parish palace, almost rivalling our Municipal Buildings in magnificence of ornate architecture, has therefore been erected at the junction of Edmund Street and Newhall Street, where poor unfortunate people going to the Workhouse, and whose ultimate destination will possibly be a pauper's grave, may have the gratification of beholding beautiful groups of statuary sculpture, Corinthian columns of polished granite, pilasters of marble, gilded capitals, panelled ceilings, coloured architraves, ornamental cornices, encaustic tiles, and all the other pretty things appertaining to a building designed in a "severe form of the style of the French Renaissance," as an architectural paper critic calls it. Ratepayers will also have pleasure in taking their money to and delivering it over in "one of the most convenient suites of poor-law offices in the kingdom," possibly deriving a little satis-

faction from the fact that their descendants in less than a hundred years' time will have to build another such suite of offices, or buy this over again, as the *Guardians* only hold the site (1,700 square yards) upon a ninety-nine years' lease at a yearly rental of £600 (7s. per yard). The building contract was for £25,490, besides extras, the architect being Mr. W. H. Ward, and the fittings, internal decoration, and furnishing was estimated at about £5,000 more, though possibly as the chairs in the Boardroom are put down at £5 each, if other articles be in proportion, both sums will be materially increased. The work was commenced in June, 1882, the memorial stone being laid February 15th, the following year. The building, which has five storeys, stands on three sides of a square courtyard, and faces into Edmund Street, Newhall Street, and a new thoroughfare made in continuation of Bread Street. In general character the three faces are alike, the masonry being rusticated in Coxbench stone to the line of the second floor, the chiselling finishing with an entablature, and the remaining two storeys included in one order of Corinthian red granite pillars, which support the main entablature. The front in Edmund Street, 105 feet in length, is symmetrically divided by a central tower, on either side of which the Corinthian pillars are discontinued until the two corners are almost reached, where they support pediments. The tower, which for a distance above the roof is square, contains four clock-faces and supports an octagonal storey, covered by a panelled stone dome, surmounted in turn by a lantern and its finial. The height of the tower from the level of the street is 105 feet, the slated towers over the lateral pediments being smaller. The Newhall Street façade, 160 feet long, is broken into three portions of nearly equal length, and the middle portion is treated differently from the

other two. Above the line of the second floor entablature the windows, instead of being in a double row in correspondence with the storeys, are in this middle section of the façade carried almost to the height of the columns, and the section is surmounted in its centre by an ornamental pedestal, which bears a group of sculpture, and at its extremes by slated flagstaff towers, whose sides are concave. The purpose of these larger windows is the effectual lighting of the Boardroom, which is of the height of two storeys. The length of the Bread Street front is 90 feet. The Boardroom is 60 feet long, 36 feet wide and 24 feet high, the room being lighted by two sunburners suspended from the ceiling panels, and is handsomely decorated throughout. The offices of the Registrar of births, marriages and deaths are entered from Newhall Street, and there is a special waiting room for the use of marriage parties whilst they are preparing to go before the Registrar, a provision which will no doubt be fully appreciated by many blushing maidens and bashful bachelors.

Public Office.—The office for the meetings of the Justices was at one time in Dale End, and it was there that "Jack and Tom" were taken in November, 1780, charged with murdering a butcher on the road to Coleshill. The first stone of the Public Office and Prison in Moor Street was laid September 18, 1805, the cost being estimated at £10,000. It was considerably enlarged in 1830, and again in 1861, and other improving alterations have been made during the last three years, so that the original cost has been more than doubled, but the place is still inadequate to the requirements of the town.

Smithfield Market.—Laid out by the Street Commissioners in 1817, at a cost of £6,000, as an open market, has been enlarged by taking in most of the ground bordered by Jamaica Row, St. Martin's Lane and Moat Lane, and is nearly all covered in for the purposes of

a wholesale market, the work being commenced in November, 1880. The main entrance is in the centre of the St. Martin's Lane front, and consists of a central roadway for carts and wagons, 15ft. wide and 24ft. high, together with a wide entrance on either side for foot passengers. The main piers supporting the large archway are of stone, but the arch itself is constructed of terra-cotta, richly moulded and carved. Over the archway are two sculptured figures in red terra-cotta, representing "Flora" and "Pomona." The whole of the carving and sculptured work has been executed by Mr. John Roddis. The archways are fitted with massive wrought-iron gates, manufactured by Messrs. Hart, Son, Peard, and Co. The entrances in Jamaica Row and Moat Lane have arched gateways and gates to match, though much higher to allow of the passage of laden wains. The market superintendent's office is on the left of the main entrance. Greatest part of the St. Martin's Lane front is occupied by the new Woolpack Hotel, and the remainder by shops. The buildings, which are from the designs of Messrs. Osborne and Reading, are designed in the style of the English Renaissance of the Stuart period, and are constructed of red brick, with red terra-cotta dressings. At each end of the St. Martin's Lane front are circular turrets, with conical roofs, flanked by ornamental gables, and in the centre is a gable with octagonal turret on each side.

Temperance Hall.—The foundation stone of this building, which is in Upper Temple Street, was laid Jan. 12, 1858, and it was opened Oct. 11 following.

The Cobden.—Though the property of a private company, who have twenty other establishments in the town, the "Cobden," in Corporation Street, may rank as a public building if only from its central position and finished architecture. It was opened by John Bright, Esq., Aug. 29, 1883, and cost about £10,000. In style it may be said

to be French-Gothic of early date, with Venetian features in the shape of traceried oriel windows, &c., the frontage being of Corsham Down and Portland stone.

Town Hall.—For many years the pride and the boast of Birmingham has been its noble Town Hall, which still remains the most conspicuous building, as well as the finest specimen of architecture, in the town. It was erected by the Street Commissioners, who obtained a special Act for the purpose in 1823, to enable them to lay a rate to pay for it. The architect was Mr. T. Hanson, of the firm of Messrs. Hanson and Welch, who, by a curious provision, were also bound to be the contractors. Their original estimate was £17,000, with extras, which would have raised it to about £19,000, but so far were their figures out that £30,000 were expended prior to the first meeting being held in the Hall, and that sum had been increased to £69,520 when the building was finally completed in 1850 by the addition of the pillars and pediments at the back. The foundations and solid parts of the structure are built of brick, the casing or outside of the walls, the pillars, and the ornamental portions being of Anglesey marble, given to the contractors by the owner of Penmaen quarries, Sir Richard Bulkeley, Barr. The building was commenced April 27, 1832, and opened Sept. 19, 1834, being used for the Festival of that year; the first public meeting held in the Hall being on Nov. 28th. The outside measurements of the Hall are—Length 175ft., breadth 100ft., height 83ft., viz., basement 23ft., columns 36ft., cornice 9ft., and pediment 15ft. The forty columns are each 3½ft. diameter. The hall, or great room, is 145ft. long, 65ft. broad, and 65ft. high; including the orchestra it will seat a few over 3,000 persons, while it is said that on more than one occasion 10,000 have found standing room. Considerable sums have been spent in trying to improve the ventilation and lighting of

the Hall, as well as in redecorating occasionally, the medallions of eminent composers and other worthies being introduced in 1876. For description of Town Hall organ see "*Organs*."

Windsor Street Gas Works with its immense gas-holders, retort-houses, its own special canal and railway approaches, covers an area of about twenty-six acres, extending almost from Dartmouth Street to Aston Road. Though there can be no grand architectural features about such an establishment certain parts of the works are worthy of note, the two principal gas-holders and the new retort-house being among the largest of their kind in the world. The holders, or gasometers as they are sometimes called, are each 240ft. in diameter, with a depth of 50ft., the telescope arrangement allowing of a rise of 170ft., giving a containing capacity equal to the space required for 6,250,000 cubic feet of gas. The new retort house is 455ft. long by 210ft. wide, and will produce about nine million cubic feet of gas per day, the furnaces being supplied with coal and cleared of the coke by special machinery of American invention, which is run upon rails backwards and forwards from the line of coal trucks to the furnace mouths. The quantity of coal used per week is nearly 4,000 tons, most of which is brought from North Staffordshire, and the reserve coal heap is kept as near as convenient to a month's supply, or 16,000 tons. The machinery for the purification of the gas, the extracting of the ammoniacal liquor, tar and residuals, which make the manufacture of gas so remunerative, are of the most improved description.

Workhouse.—The first mention of a local institution thus named occurs in the resolution passed at a public meeting held May 16, 1727, to the effect that it was "highly necessary and convenient that a Public Work House should be erected in or near the town to employ or set to work the poor of Birmingham for their better mainten-

ance as the law directs." This resolution seems to have been carried out, as the Workhouse in Lichfield Street (which was then a road leading out of the town) was built in 1733 the first cost being £1,173, but several additions afterwards made brought the building account to about £3,000. Originally it was built to accommodate 600 poor persons, but in progress of time it was found necessary to house a much larger number, and the Overseers and Guardians were often hard put to for room; which perhaps accounts for their occasionally discussing the advisability of letting some of their poor people out on hire to certain would-be taskmasters as desired such a class of employées. In the months of January, February, and March, 1783, much discussion took place as to building a new Workhouse, but nothing definite was done in the matter until 1790, when it was proposed to obtain an Act for the erection of a Poorhouse at Birmingham Heath, a scheme which Hutton said was as airy as the spot chosen for the building. Most likely the expense, which was reckoned at £15,000, frightened the ratepayers, for the project was abandoned, and for fifty years little more was heard on the subject. What they would have said to the £150,000 spent on the present building can be better imagined than described. The foundation-stone of the latter was laid Sept. 7, 1850, and the first inmates were received March 29, 1852, in which year the Lichfield Street establishment was finally closed, though it was not taken down for several years after. The new Workhouse is one of the largest in the country, the area within its walls being nearly twenty acres, and it was built to accommodate 3,000 persons, but several additions in the shape of new wards, enlarged schools, and extended provision for the sick, epileptic and insane, have since been made. The whole establishment is supplied with water from an artesian well, and is such a distance from other buildings as to ensure the most healthy condi-

tions. The chapel, which has several stained windows, is capable of seating 800 persons, and in it, on May 9, 1883, the Bishop of Worcester administered the rite of confirmation to 31 of the inmates, a novelty in the history of Birmingham Workhouse, at all events. Full provision is made for Catholics and Nonconformists desiring to attend the services of their respective bodies. In connection with the Workhouse may be noted the Cottage Homes and Schools at Marston Green (commenced in October, 1878) for the rearing and teaching of a portion of the poor children left in the care of the Guardians. These buildings consist of 3 schools, 14 cottage homes, workshops, infirmary, headmaster's residence, &c., each of the homes being for thirty children, in addition to an artisan and his wife, who act as heads of the family. About twenty acres of land are at present thus occupied, the cost being at the rate of £140 per acre, while on the buildings upwards of £20,000 has been spent.

Publichouses.—The early Closing Act came into operation here, November 11, 1864; and the eleven o'clock closing hour in 1872; the rule from 1864 having been to close at one and open at four a.m. Prior to that date the tipplers could be indulged from the earliest hour on Monday till the latest on Saturday night. Mr. Joseph Chamberlain and his friends thought so highly of the Gothenburg scheme that they persuaded the Town Council into passing a resolution (Jan. 2, 1877) that the Corporation ought to be allowed to buy up all the trade in Birmingham. There were forty-six who voted for the motion against ten; but, when the Right Hon. J. C.'s monopolising motion was introduced to the House of Commons (March 13, 1877), it was negatived by fifty-two votes.

Pudding Brook.—This was the sweetly pretty name given to one of the little streams that ran in connection with the moat round the old

Manorhouse. Possibly it was originally Puddle Brook, but as it became little more than an open sewer or stinking mud ditch before it was ultimately done away with, the last given name may not have been inappropriate.

Quacks.—Though we cannot boast of a millionaire pill-maker like the late Professor Holloway, we have not often been without a local well-to-do "quack." A medical man, named Richard Aston, about 1815-25, was universally called so, and if the making of money is proof of quackery, he deserved the title, as he left a fortune of £60,000. He also left an only daughter, but she and her husband were left to die in the Workhouse, as the quack did not approve of their union.

Quakers.—Peaceable and quiet as the members of the Society of Friends are known to be now, they do not appear to have always borne that character in this neighbourhood, but the punishments inflicted upon them in the time of the Commonwealth seem to have been brutish in the extreme. In a history of the diocese of Worcester it is stated that the Quakers not only refused to pay tithes or take off their hats in courts of justice, but persisted in carrying on their business on Sundays, and scarcely suffering a service to be conducted without interruption, forcing themselves into congregations and proclaiming that the clergymen were lying witnesses and false prophets, varying their proceedings by occasionally running naked through the streets of towns and villages, and otherwise misbehaving themselves, until they were regarded as public pests and treated accordingly. In the year 1661, fifty-four Quakers were in Worcester goal, and about the same time seven or eight others were in the lockup at Evesham, where they were confined for fourteen weeks in a cell 22 ft. square and 6 ft. high, being fed on bread and water and not once let out during the whole time, so that people could not endure to pass the place; female Quakers were thrust with brutal indecency into the stocks and

there left in hard frost for a day and night, being afterwards driven from the town. And this went on during the whole of the time this country was blessed with Cromwell and a Republican Government.—See "*Friends*."

Quaint Customs.—The practice of "heaving" or "lifting" on Easter Monday and Tuesday was still kept up in some of the back streets of the town a few years back, and though it may have died out now with us those who enjoy such amusements will find the old custom observed in villages not far away.—At Handsworth, "clipping the church" was the curious "fad" at Easter-time, the children from the National Schools, with ladies and gentlemen too, joining hands till they had surrounded the old church with a leaping, laughing, linked, living ring of humanity, great fun being caused when some of the link loosed hands and let their companions fall over the graves.—On St. John's Days, when the ancient feast or "wake" of Deritend Chapel was kept, it was the custom to carry bulrushes to the church, and old inhabitants decorated their fireplaces with them.—In the prosperous days of the Holte family, when Aston Hall was the abode of fine old English gentlemen, instead of being the lumber-room of those Birmingham rogues the baronets abominated, Christmas Eve was celebrated with all the hospitalities usual in baronial halls, but the opening of the evening's performances was of so whimsical a character that it attracted attention even a hundred years ago, when queer and quaint customs were anything but strange. An old chronicler thus describes it:—"On this day, as soon as supper is over, a table is set in the hall; on it is set a brown loaf, with twenty silver threepences stuck on the top of it, a tankard of ale, with pipes and tobacco; and the two oldest servants have chairs behind it, to sit in as judges, if they please. The steward brings the servants, both men and women, by one at a time, covered

with a winnow-sheet, and lays their right hand on the loaf, exposing no other part of the body. The oldest of the two judges guesses at the person, by naming a name; then the younger judge, and, lastly, the oldest again. If they hit upon the right name, the steward leads the person back again; but if they do not he takes off the winnow-sheet, and the person receives a threepence, makes low obeisance to the judges, but speaks not a word. When the second servant was brought the younger judge guessed first and third; and this they did alternately till all the money was given away. Whatever servant had not slept in the house the previous night forfeited his right to the money. No account is given of the origin of this strange custom, but it has been practised ever since the family lived there. When the money is gone the servants have full liberty to drink, dance, sing, and go to bed when they please."

Railways: London and North Western.—The first proposal for connecting Birmingham with the outer world by means of a railway seems to have originated in 1824, as we read of the share-book for a Birmingham and London line being opened here on December 14 of that year. There was a great rush for shares, 2,500 being taken up in two hours, and a £7 premium offered for more, but as the scheme was soon abandoned it is probable the scrip was quickly at a discount. Early in 1830 two separate companies were formed for a line to the Metropolis, but they amalgamated on September 11, and surveys were taken in the following year. Broad Street being chosen as the site for a station. The Bill was introduced into the House of Commons February 20, 1832, but the Lords rejected it in June. Another Bill, with variations in the plans, was brought in in the session of 1833, and it passed on May 6, the work being commenced at the London end in July, and at Birmingham in June of the following year. The line

was to be 112½ miles long and estimated to cost £2,500,000, but the real cost amounted to £4,592,700, of which £72,868 18s. 10d. was spent in obtaining the Act alone. The line was opened in sections as completed, the first train running from Euston to Boxmoor, 24½ miles, on July 20, 1837. The average daily number of persons using the line during the first month was 1,428, the receipts being at the rate of £153 per day. On April 9, 1838, the trains reached Rugby, and on Aug. 14, the line was completed to Duddeston Row, the directors taking a trial trip on the 20th. There were only seventeen stations on the whole line, over which the first passenger train ran on Sept. 17.—The prospectus of the Grand Junction Railway (for Liverpool and Manchester) was issued May 7, 1830, and the line from Vauxhall Station to Newton (where it joined the Manchester and Liverpool line) was opened July 4, 1837. The importance of this line of communication was shown by the number of passengers using it during the first nine weeks, 18,666 persons travelling to or from Liverpool, and 7,374 to or from Manchester, the receipts for that period being £41,943.—The Birmingham branch of the South Staffordshire Railway was opened Nov. 1, 1847; the Birmingham and Shrewsbury line, Nov. 12, 1849; and between Dudley and Walsall May 1, 1850. The Stour Valley line was partially brought into use (from Monument Lane) Aug. 19, 1851, the first train running clear through to Wolverhampton July 1, 1852. The line to Sutton Coldfield was opened June 2, 1862, and the Harborne line (for which the Act was obtained in 1866) was opened Aug. 10, 1874. The Act for the construction of the Birmingham and Lichfield line, being a continuation of the Sutton Coldfield Railway, passed June 23, 1874; it was commenced late in October, 1881, and it will shortly be in use. The Bill for the Dudley and Oldbury Junction line passed July 15,

1881. A new route from Leamington to Birmingham was opened in Sept. 1884, shortening the journey to London.

Midland.—The Derby and Birmingham Junction line was opened through from Lawley Street Aug. 12th, 1839. The first portion of the Birmingham and Gloucester line, between Barnt Green and Cheltenham, was opened July 1, 1840, coaches running from here to Barnt Green to meet the trains until Dec. 15, 1840, when the line was finished to Camp Hill, the Midland route being completed and opened Feb. 10, 1842. The first sod was cut for the West Suburban line Jan. 14, 1873, and it was opened from Granville Street to King's Norton April 3, 1876. This line is now being doubled and extended from Granville Street to New Street, at an estimated cost of £280,400, so that the Midland will have a direct run through the town.

Great Western.—The first portion of the Oxford and Birmingham Railway (between here and Banbury) was opened Sept. 30, 1852, the tunnel from Moor Street to Monmouth Street being finished on June 6th previous. The original estimated cost of this line was but £900,000, which was swelled to nearly £3,000,000 by the bitter fight known as the "Battle of the Gauges." The line from Snow Hill to Wolverhampton was opened Nov. 14, 1854. The first train to Stratford-on-Avon was run on Oct. 9, 1860. The Oxford, Worcester, and Wolverhampton line was opened in May, 1852. The broad gauge was altered in 1874.

Railway Jottings.—The London and Birmingham line cost at the rate of £23,000 per mile, taking nearly five years to make, about 20,000 men being employed, who displaced over 400,000,000 cubic feet of earth. The Grand Junction averaged £16,000 per mile, and at one time there were 11,000 men at work upon it. Slate slabs were originally tried for sleepers on the Birmingham and London line.

The first railway carriages were built very like to coaches, with an on-side seat at each end for the guard, though passengers often sat there for the sake of seeing the country.

The fares first charged between Birmingham and London were 30s. by first class, and 20s. second class (open carriages) by day trains: 32s. 6d. first class and 25s. second class, by night. In 1841 the fares were 30s. first, 25s. second, and 20s. 3d. third class: they are now 17s. 4d., 13s. 6d., and 9s. 5d.

"Booking" was a perfectly correct term when the lines were first used, as when passengers went for their tickets they had to give their names and addresses, to be written on the tickets and in the book containing the counterfoils of the tickets.

The day the Grand Junction line was opened was kept as a general holiday between here and Wolverhampton, hundreds of tents and picnic parties being seen along the line.

The directors of the Birmingham and Gloucester line ordered eleven locomotives from Philadelphia at a cost of 85,000 dollars, and it was these engines that brought their trains to Camp Hill at first. In comparison with the engines now in use, these Americans were very small ones. The trains were pulled up the incline at the Lickey by powerful stationary engines.

On the completion of the London line, the engineers who had been employed presented George Stephenson at a dinner held here with a silver tureen and stand worth 130 guineas. This celebrated engineer made his last public appearance at a meeting in this town of the Institute of Mechanical Engineers, July 16, 1848, his death taking place on the 12th of the following month.

The L. & N.W.R. Co. have 46,000 men in their employ.

The G.W.R. has the longest mileage of any railway in England, 2,276½ miles; the L. and N.W.R., 1,774½ miles; the Midland, 1,225 miles. The returns of the L. and N.W.,

Midland and G.W.R. Companies for 1878 showed local traffic of 936,000 tons of goods, 693,000 tons of coal, coke and other minerals, 20,200 loads of cattle, and 7,624,000 passengers.

The south tunnel in New Street was blocked April 18, 1877, by a locomotive turning over. In October, 1854, an engine fell over into Great Charles Street.

The unused viaduct betweenordesley and Banbury Street belongs to the G.W.R. Co. and was intended to connect their lines with the other Companies. It now stands as a huge monument of the "Railway Mania" days.

The extensive carrying trade of Crowley and Co. was transferred to the L. & N. W. R. Co. May 17, 1873.

Railway Stations.—As noted on a previous page, the first railway stations were those in Duddleston Row, Lawley Street, Vauxhall, the Camp Hill, but the desirability of having a Central Station was too apparent for the Companies to remain long at the outskirts, and the L. & N. W. R. Co. undertook the erection in New Street, of what was then (and will soon be again) the most extensive railway station in the kingdom, making terms with the Midland for part use thereof. The work of clearance was commenced in 1846, the estimated cost being put at £400,000, £39,000 being paid to the Governors of the Grammar School for land belonging to them. Several streets were done away with, and the introduction of the station may be called the date point of the many town improvements that have since been carried out. The station, and the tunnels leading thereto, took seven years in completion, the opening ceremony taking place June 1, 1853. The iron and glass roof was the largest roof in the world, being 1,080ft. long, with a single span of 212ft. across at a height of 75ft. from the rails. This immense span has since been surpassed, as the roof of the St. Pancras Station, London, is 243ft. from side to side. The roof

of Lime Street Station, Liverpool, is also much larger, being 410ft wide, but it is in two spans. The station has been since greatly enlarged, extending as far as Hill Street, on which side are the Midland Booking Offices. The tunnels have been partially widened or thrown into open cuttings, additional platforms constructed, and miles of new rails laid down, one whole street (Great Queen Street) being taken bodily into the station for a carriage drive. The station now covers nearly 12 acres, the length of platforms exceeding $1\frac{1}{2}$ miles. The cost of this enlargement was over half-a-million sterling.

As in the case of New Street Station, the introduction of the Great Western Railway caused the removal of a very large number of old buildings, but the monster wooden shed which did duty as the Snow Hill Station for many years was as great a disgrace to the town as ever the old tumbledown structures could have been that were removed to make way for it. This, however, was remedied in 1871, by the erection of the present building, which is extensive and convenient, the platforms having a run of 720 feet, the span of the roof being 92 feet.

Rateable Values.—In 1815 the annual rateable value of property in the borough was totaled at £311,954; in 1824 the amount stood at £389,273, an increase of £77,319 in the ten years; in 1834 the return was £483,774, the increase being £94,501; in 1844 it was £569,686, or an increase of £85,912; in 1854 the returns showed £655,631, the increase, £85,934, being little more than in the previous decennial period. The next ten years were those of the highest prosperity the building trade of this town has ever known, and the rateable values in 1864 went up to £982,384, an increase of £326,763. In 1870 a new assessment was made, which added over £112,000 to the rateable values, the returns for 1874 amounting to £1,254,911, an increase in the ten years of £272,527. In 1877 the returns

gave a total of £1,352,554; in 1878 £1,411,060, an increase in the one year of £58,506; but since 1878 the increase has not been so rapid, the average for the next three years being £36,379; and, as will be seen by the following table, the yearly increase of values during the last three years is still less in each of the several parish divisions of the borough:—

	1881.	1882.	1883.
Birmingham parish	£985,081	£991,445	£1,001,541
Yearly increase	18,483	6,361	10,096
Edgbaston parish	£179,328	£180,327	£181,552
Yearly increase	8,474	999	1,225
Aston, part of parish	£355,788	£362,337	£365,875
Yearly increase	9,419	6,549	3,538
Total rateable value of the Borough	£1,520,179	£1,534,109	£1,548,968
Yearly increase	36,379	13,912	14,859

Rainfall.—The mean annual rainfall in the eleven years ending with 1871, in this neighbourhood, was 29·51 inches, in the following eleven years 36·01 inches, the two heaviest years being 1872 with 47·69 inches, and 1882 with 43·06 inches. The depth of rain

registered in the last three months of 1882 (14 93inch s), was the largest for any three consecutive months ever recorded by our painstaking meteorologist, the late Mr. T. L. Plant, of Moseley.

Ravenhurst.—The old house at Camp Hill, which gave names to Hurst Street and Ravenhurst Street, leading in the direction of the mansion, where in 1810 there were found a number of coins and tokens of the period of Queen Elizabeth and Charles I., as well as sundry Scotch "bawbees."

Rea.—This little river takes its rise among the Lickey Hills, and from certain geological discoveries made in 1883, there is every reason to believe that, in Saxon days, it was a stream of considerable force. The name Rea, or Rher, is of Gaelic derivation, and, with slight alteration, it is the name of some other watercourses in the kingdom. From time to time, alterations have been made in the course of the Rea, and prior to the introduction of steam its waters were used extensively for mill-power, dams, fleams, and shoots interfering with the free running in all directions. Long little better than an open sewer, there is a prospect that, within a few years, it may be cleansed and become once more a limpid stream, if the sanitary authorities will but find some more convenient site as burial-place for unfortunate canines and felines.

Rebellion of 1745.—The first news of the Rebellion and of the landing of the Young Pretender reached here Aug. 19, 1745. The Scotch did not come so far as Birmingham, but [though thousands of swords were made here for "Bonnie Prince Charlie"] some little preparation was made to receive them. At a meeting held October 5, 1745, it was proposed to form a regiment of volunteers against them, and Sir Lister Holte found 250 horses to pursue the unfortunate "Pretender," whose great-grandfather had been the guest of Sir Lister's ancestor.

Rebus.—Poking fun at our town is no new game, as may be seen by the following local rebus (by "Dardannus") copied from the *Gentlemen's Magazine* of 1752:—

"Take three-fourths of a creature which many admire,
That's often confined in a castle of wire;
Three-fourths of a herb that the garden doth yield,
And a term used by husbandmen ploughing the field;
With that part of a swine which is now much in fashion,
And a town you'll discover in this brave English nation."

The answer was *Bird, Mint, G, and Ham*—Birmingham, the scribe who poetically replied, winding-up by saying that it was

"A town that in trading excels half the nation,
Because, Jove be thanked, there is no Corporation!"

Recorders.—The first Recorder appointed for the borough was Mr. Matthew Davenport Hill, whose name is so intimately connected with the history of Reformatory and Industrial Schools. Mr. Arthur Roberts Adams, Q.C., who succeeded Mr. M. D. Hill on his resignation in January, 1866, was a native of the county, and had acted as Deputy-Recorder for some years. He died in an apoplectic fit, while out shoo'ing (Dec. 19, 1877), in Bagley Wood, near Oxford, in his 65th year. The present Recorder is Mr. John Stratford Dugdale, of Blythe Hall, Coleshill.

Recreation Grounds.—Early in 1854 Joseph Sturge set apart a field in Wheeley's Lane as a public playground for children, and this must rank as the first recreation ground. The last is the disused burial ground of St. Mary's Church, which, after an expenditure of about £1,500 was thrown open to the public as "St. Mary's Garden," October 16, 1882.—See "*Parks.*"

Red Book.—Quite a local institution is the yearly publication known

as "The Birmingham Red Book," which was first issued in 1865.

Reformatories.—See "*Industrial Schools.*"

Reform Leagues.—The first local affair of this kind that we have note of (though likely enough there had been "reform clubs" before that date) seems to have originated at a meeting of some dozen or so gentlemen at the Royal Hotel, Dec 14, 1829. On the 25th of Jan., 1830, a public meeting to organise a kind of local political body was held at Beardsworth's Repository, and it is chronicled that about 15,000 persons were present. The result was the formation of the celebrated Birmingham Political Union, though the full name was "The General Political Union between the Lower and Middle Classes of the People." The Union's "Petition of Rights" was issued Dec. 13, and the "Declaration of Council" Dec. 20, 1830. This is not the place to enter upon a history of the doings of the Political Union, which was dissolved by mutual consent of the leaders May 10, 1834, but there can be no doubt that it did have considerable influence on the political changes of the period. In 1848 an attempt was made to resuscitate the Old Union, though the promoters of the new organisation called it the "Political Council," and in 1865 another League or Union was started, which has a world-wide fame as "The Caucus." Indeed, it may be safely said the town has never, during the past sixty years or so, been without some such body, the last appointed being the "Reform League," started Sept. 2, 1880, by the Rev. Arthur O'Neill and his friends, to agitate for a change in the Constitution of the House of Lords.

Reform Meetings—We have had a few big meetings of the kind one time and another, and give the dates of the principal. Newhall Hill used to be the favourite spot, and the first meeting held there was on January 22, 1817.—On July 22, 1819, there were 60,000

there, and a member was chosen to represent the town in Parliament. (See "*Newhall Hill.*") The meeting of October 3, 1831, had only 150,000 persons at it, but May 7, in following year, saw 200,000 on the Hill.—The "great" Reform meetings at Brookfields were on August 27, 1866, and April 22, 1867.—A procession to, and demonstration at Soho Pool, Aug. 4, 1884, at which 100,000 persons are said to have been present, is the last big thing of the kind.

Regattas.—Usually the Alarnusement of places blessed with sea or river space, but introduced to us (Aug 2, 1879), on the Reservoir, by the Y.M.C.A., whose members had to compete with some crack rowers from Evesham, Shrewsbury, Stratford, Stourport, and Worcester.

Registers.—At what date a parish register was first kept here is not known, but Mr. Hamper, the antiquarian, once found some old parts stowed away under the pulpit staircase, and he had them bound and preserved. There are very few perfect registers in this neighbourhood, though Aston can boast of one dated from 1544, King's Norton 1547, Handsworth 1558, Northfield 1560, Castle Bromwich 1659, and Moseley 1750.—The Registration Act was passed Aug. 17, 1836.

Register Offices.—The custom of hiring servants at "statute fairs" and "mops" still exists in theory if not in practice, in several parts of the adjoining counties, but thanks to the low scale for advertising, such a system is not needed now. The introduction of register offices was a great improvement, the first opened in Birmingham being at 26, St. John Street (then a respectable neighbourhood), in January 1777, the fee being 6d. for registering and 3d. for an enquiry. There are a number of respectable offices of this kind now, but it cannot be hidden that there have been establishments so called which have been little better than dens of thievery, the proprietors caring only to

net all the half-crowns and eighteen-pences they could extract from the poor people who were foolish enough to go to them.

Rejoicing, Days of.—Great were the rejoicings in Birmingham, October 9, 1746, when the news came of the battle of Culloden. The capture of Quebec, in 1759, was celebrated here on December 3, by a general illumination; the peace-loving Quakers, however, had to rejoice over broken windows, for the mob smashed them, one unfortunate Friend having to provide 115 squares of glass before his lights were perfect again. We were *loyal* in those days, and when we heard of our gallant boys thrashing their opponents, up went our caps, caring not on whose heads lay "the blood-guiltiness," and so there was shouting and ringing of bells on May 20, 1792, in honour of Admiral Rodney and his victory. The next great day of rejoicing, however, was for the Peace of Amiens in 1802, and it was notable the more especially from the fact of Soho Works being illuminated with gas, for the first time in the world's history used for such a purpose. In 1809, we put up the first statue in all England to the hero of Trafalgar, and we made the 6th of June the day to rejoice over it, because forsooth, it happened to be the jubilee day of George the Third. What *he* had done for us to rejoice about would be hard to tell; even more difficult is the query why we were so gleeful and joyous on February 1, 1820, when his successor was proclaimed. George IV.'s Coronation was celebrated here by the public roasting of oxen, and an immense dinner party in front of Beardsworth's Repository.

Religious Queerosities.—Among all its multifarious manufactures it would have been strange, indeed, if Birmingham had not produced something new in religious matters, and accordingly we find that in 1840 some of our advanced townsmen had formed themselves into a "Universal Com-

munity Society of Rational Religionists." We have not met with a copy of their rules, though Tidd Pratt registered them as of a Friendly Society (under cap. 4, Will. IV.), but the county magistrates, at the November Quarter Sessions would not pass them nor seal them. Of late years there have been introduced amongst us several other curiosities in the way of religious bodies, like the Theists, the Polytheists, the Positivists, the Secularists, the Latter-day Saints, and others.

Religious Societies.—In addition to those noted elsewhere, there have been many societies formed here which may come under this heading, such as the Lay Association for the Refutation of Infidelity, founded in 1839; the Protestant Association, commenced in 1847; the Christian Evidence Society, began in 1869; the Church Defence and Reform Association, formed in 1871, the Protestant and Church Association, inaugurated May 23, of same year, &c.

Repository.—Before the building of the Town Hall, there was no place in which a town's meeting could be held, except the Public Office in Moor Street, besides Beardsworth's Repository. As its name implies, it was originally built as a sale-room for horses and carriages, but some of the most important meetings known in Birmingham history have been held within its walls, grand banquets were often laid out there, popular lecturers have discoursed, and popular pugilists exhibited their prowess in the same arena, and the building has even been used as a barracks.

Republicanism.—In 1873 a small band of Brummagem bouncers patriotically provided us with a real "Republican Club," and proud of the feat announced the world-stirring fact to the "Hero of Caprera." The simple honest-hearted General, who knew not the guile of their hearts, was deluded into wishing them success. Ten years have passed since "Mio Caro Cattell"

secured Garibaldi's autograph, but still Victoria remains Queen of Great Britain, Empress of Hindostan, and the best-beloved sovereign on the earth.

Reservoir.—See "*Canals*" and "*Roach Pool*."

Restaurants.—Our grandfathers knew them not. They took their chop or steak at their inn or hotel, or visited the tripe houses. Indeed, Joe All-day's tripe shop in Union Street (opened about 1839-40) may be called the first "restaurant" established here, as it was the favourite resort of many Town Councillors and leading men of the town. A vegetarian restaurant was opened in Paradise Street in July, 1881, and 1883 saw the commencement of another novelty in the line, a fish restaurant in the old Warwick Passage. —See "*Luncheon Bars*."

Rifle Clubs.—The Midland Rifle Club was started in 1875, the Staffordshire Rifle Association dating from 1861. Both clubs use the range at Sandwell Park, by permission of the Earl of Dartmouth. At the International Match at Creedmore, New York, in 1881, the representatives of this neighbourhood scored high numbers, Corporal Bates (of the M.R.C.) taking the only first prize secured by visitors in the open competitions of the U. S. Associations.

Rights of Man.—An effigy of Tom Paine, author of "*The Rights of Man*," was paraded through the streets, Feb. 12, 1793, and ignominiously burned in the evening.

Ringers.—The St. Martin's Society of Change Ringers, date from 1755, and have always held high rank among the bellringers of the country. Many old newspapers have chronicled their mighty doings with bobs and treble bobs, caters and cinques, in all their courses and changes. In Southey's "*Doctor*" (vol. 1, p. 303) mention is made of "eight Birmingham youths who ventured upon a peal of 15,120 bob major, but after ringing for eight hours and a

half were so fatigued that the caller brought them round at the 14,221th change, perhaps the longest peal that had ever been rung." On February 28, 1881, the ringers achieved a true peal of Stedman cinques, containing 9,238 change, in $6\frac{1}{4}$ hours, being the longest peal ever rung in that method, and noteworthy as the composition of H. Johnson, senr., and rung in honour of his 72nd birthday. In former days the local ringers were also famed for their skill with handbells, one celebrated performer being Elijah Roberts, an extraordinary adept, who died in 1865. One of this worthy's feats was the ringing (at Liverpool, March 23, 1837) a peal comprising 19,440 changes of Kent treble bob maximus, taking 13 $\frac{1}{4}$ hours —See "*Bells*."

Riots.—In times past the Brums had a bad name for rioting, and when the list is looked over many may think it not undeserved.—In July, 1715, the Old Meeting House was destroyed in a riot.—In 1737 the nail-makers from Worcestershire marched into this town and forced the iron-mongers to sign a paper allowing an advance in prices.—Some bigoted brutes got up an anti-Methodist movement in 1751, which culminated in a general riot on Oct. 19, the pulpit and seats being taken out of the meeting-house and burnt.—The history of "the Birmingham Riots" of 1791 is world-known, and there is no necessity to repeat the disgraceful tale. The damage was estimated at £60,000: the sufferers recovered only £27,000.—On Oct. 21, 1793, caused by the enforced collection of the rates levied to pay damages done in riots of 1791. Two more lives lost.—June 22, 1795, on account of scarcity of food and the high prices thereof. Soldiers called out, and they gave two unfortunates leaden food enough to kill them.—May 28, 1810, two women fell out over the price of some potatoes, others joined in and a scrimmage ensued. Constables came and men muled them, and the result of the unruly

wagging of those two women's tongues was a riot, which lasted four days. Three men were sentenced to grow potatoes at Botany Bay the rest of their lives.—March 22, 1813, the chapels in Bond Street, Belmont Row, and Ladywell Walk, with the Jews' Synagogue in Severn Street, were damaged by a riotous mob. The *Jabet Riots* in 1816 were primarily caused by the proprietor of *Jabet's Herald* publishing an address showing that "a man, wife, and six children could live on 6s a week." Some cheap food was presented to the printer in the shape of potatoes, with which his windows were smashed.—Claims for damages arising out of the Chartist riots of 1839 were made to the amount of £16,283, of which £15,027 were allowed, and rates were made on the Hundred of Hemlingford for £20,000 to cover the same and the expenses attendant thereon. It was a curious coincidence that the rioters of 1839 should have chosen July the 15th for their fiery pranks, the roughs of 1791 having on the same day of the same month, burnt Hutton's and other houses. At the Warwick Assizes, Aug. 8, 1839, Jeremiah Howell, Francis Roberts, and John Jones were sentenced to be hung, Thomas Aston had sentence of death recorded against him, and 13 other hot-heads were ordered various terms of imprisonment, for taking part in the mischief.—At Snow Hill Flour Mills, June 29, 1847, arising out of the seizure of sundry short weights.—The "Murphy Riots" commenced on Sunday, June 16, 1867, when William Murphy, the Anti-Papal lecturer, delivered his first oration. The police had to clear Carrs Lane with their cutlasses, and Park Street was nearly demolished. An Irishman who threatened Morris Roberts in his public-house was shot by him on the 17th, and the act was declared to be justifiable.—There was a disgraceful row (which may well be classed under this heading) at St. Alban's Church, Oct. 13, 1867, in consequence of some

ecclesiastical excommunicatory proceedings.—The Navigation Street riot of roughs, in which Police-officers Lines and Fletcher were stabbed, took place March 7, 1875. Lines died on the 24th, and was buried at Aston the 29th. The sum of £840 14s. was gathered to support his wife and daughter. The Assizes, held in the following July, may be called "the Roughs' Reprisals," as one was sentenced to death, four to penal servitude for life, six to fifteen years each (three of them were flogged as well), one to ten years, one to seven years, and four to five years each.—A Conservative "demonstration" held at the Lower Grounds, October 13th, 1884, was broken into and disturbed by Liberals, who held a meeting outside and then breached the walls, spoilt the fireworks, and added another to the long list of Birmingham riots.

Ritualism.—Though there has been many instances of local clergymen adopting practices which usually come under the name of ritualistic, we have had but one "Martyr to the Cause," in the person of the Rev. R. W. Euraght, of the Church of the Holy Trinity, Bordesley. Among the numerous practices of which complaint was made against him were the following:—The use of lighted candles, the wearing of the alb and chanble, the ceremonial mixing of water and wine, the making of the sign of the cross towards the congregation, the use of wafers instead of bread, standing with his back to the congregation during the prayer for consecration, not continuing to stand the whole time during the prayer, elevation of the cup and paten more than is necessary, causing the *Agnus Dei* to be sung immediately after the consecration, standing instead of kneeling during the Confession, and kissing the Prayer Book. Remonstrance, monition, and inhibition, not being sufficient to teach him the error of his ways, Mr. Euraght was committed for contempt Nov. 20, 1880, and taken to Warwick gaol on the 27th

He was released soon after Christmas, and another Vicar filleteth his place.

Roach Pool.—In the years 1825-26 the proprietors of the old Birmingham Canal purchased about 130 acres of land, partly in Edgbaston and partly in Birmingham parishes, for the purpose of forming reservoirs or feeders for their canal. Part of the area included Roach Pool, through which the boundary line ran, and the pleasant path then by its side is now 15ft., or 16ft. under water. In Ragg's "Edgbaston" is an allusion to this:—

"In Rotton Park
No more doth Roach Pool smile. Its humble
mirror,
Wherein the stars were once content to gaze
On their reflected forms, is buried now
Some fathoms deep. Yea, with the humble
path
That led beside its banks."

Roads.—Some of the roads leading into and out of Birmingham in the olden days were little better than deep ruts, which were more or less levelled about the middle of last century. The making of the great Holyhead coach-road also graded some of the steeper spots as well as the lowest, but the modern town improvements must be credited as the greatest factor in the levelling of the roads, none of which, however, were "macadamised," until 1818. The total length of highways "taken to" and repairable by the Corporation at the commencement of 1884, amounted to 185½ miles, there being other 12½ miles undeclared. Ten years ago the figures stood at 143 and 40 respectively; but as during the last six years, owners of property have been paying at the rate of £17,820 per annum, for completion of the streets and highways so as to bring them in charge of the Corporation, the undeclared roads will soon be few and far between. To keep the roads fit for travelling on, requires about 60,000 tons of stone per year.

Rogues, Thieves, and Vagabonds.—According to some calculations made by the late Rev. Micaiah

Hill, Sec. to the Town Mission, there were, on a given day, in 1880, 1,272 known thieves and bad characters at large in the town, of whom 177 were under sixteen years of age. There were 71 houses kept by receivers of stolen goods, 118 others known to be frequented by the criminal classes, and 188 houses of ill-fame, in which 262 women were found on the same day.

Rolling Mills.—There was one at Nechells as early as 1690, though the exact date of the erection of nearly all these places is a matter of the greatest uncertainty. The first steam rolling mill, with the exception of the one at Soho, was put up at Bradley iron-works.

Rotton Park.—In the list of the tenants of Edward Birmingham, whose estate was confiscated (circa 1536), there appears the name of John Praty, as "farmer" of the office of "keeper of the Park called Rotton (or Roten) Park," with all the profits thereof, and the "wyndefal wood and lopwood," building timber excepted.

Rowley Rag.—The feasibility of basalt having been theoretically demonstrated, Mr. Henry Adcock, C.E., in 1851 took out letters patent for the manufacture of a number of articles from the Rowley ragstone. Furnaces were erected at Messrs. Chance Brothers, and the experiment thoroughly carried out, a number of columns, window-sills, doorways, steps, and other architectural pieces being the result. The process, however, was too expensive, and had to be given up. A number of the articles were used in the erection of Edgbaston Vestry Hall, where the curious may inspect them if so inclined.

Royal Visitors.—It is believed that Richard III. was the guest of Baron de Bermingham in November, 1189, and possibly King John may have visited the Manor, as he was more than once in the immediate neighbourhood (1206-08), but with those exceptions

Charles I. was the first Sovereign who honoured us with a visit. He was at Aston Hall, October 16 and 17, 1642, and on the 18th he went to Packington. He was also in the neighbourhood on Friday, July 13, 1644. Queen Henrietta Maria, his Consort, was hereabouts on July 10, 1643, passing from Walsall to meet Prince Rupert at King's Norton. Charles II. does not appear to have been nearer than at Erdington. Prince Rupert paid his memorable visit April, 1643. In 1742, the Duke of Cumberland, with his forces, on their way to Scotland, encamped on Meriden Heath, near Packington Park. —October 21, 1765, Edward, Duke of York, was here, and grumbled at the inconvenient ball-room in which he danced, an event which probably led to the erection of the Royal Hotel. —The Duke of Gloucester May 4, 1805, slept at the Royal, and in the following July, King George III. was expected to lay the foundation stone of Christ Church, but was too ill to come, and the next Royal visitors were his grand-daughter (and our Most Gracious Queen) Victoria, and her mother the Duchess of Kent, who on August 4, and 5, 1830, inspected some of our principal manufactories. On a similar errand came the late Prince Consort, November 29, 1843; his next visit being made Nov. 12, 1849 to see the Exposition of Art and Manufactures at the Old Bingley Hall in Broad Street, which occasion Birmingham men proudly believe led to the great Hyde Park Exhibition of 1851. Her Majesty passed through the town on the 30th of August, 1852, when an address was presented to her. Prince Albert laid the foundation stone of the Midland Institute, November 22, 1855. The Duke of Cambridge, June 1, 1857, planted a tree in Calthorpe Park, as part of the opening ceremony. In the following year, June 15, 1858, the Queen and Prince Albert inaugurated the "People's Park," at Aston and Her Majesty said it was

the finest reception she had ever met with. Prince Arthur, Duke of Connaught, opened the Horticultural Exhibition at Lower Grounds, June 24, 1872. The Duke of Edinburgh was at the Musical Festival, Aug. 26, and following days, 1873. The Prince and Princess of Wales visited the town Nov. 3, 1874, and received a most enthusiastic welcome. Prince and Princess Teck were here Dec., 6, 1875; and the Prince and Princess Christian, with the Marquis of Lorne, visited the Cattle and Dog Shows, Dec., 1883. The Prince of Wales having accepted the Presidency of the Agricultural Exhibition Society, it is believed he will again visit the town shortly.

Royal Visitors from Abroad.—The great workshops of Birmingham, and especially the Soho Works (in their day), have, for the last hundred years, attracted many crowned and coronetted heads from other parts of the world, though, in many respects, it is to be feared our town no longer holds the pre-eminence in manufacture it once did. The Hereditary Prince of Brunswick came here, January 2, 1766. The Empress of Russia inspected Soho in 1776. The Duc de Chartres came on a similar visit, February 22, 1785, and there were newspaper flunkies then as now, for it was gravely recorded that the Duke's horses were stabled at the Swan Inn. His Serene Highness the Statholder and the Prince of Orange called at Boulton's, August 8, 1796. The Grand Duke Nicholas, afterwards Emperor of Russia, was here, November 9, 1816. His Serene Highness Prince Nicolaz Esterhazy, visited us in the month of August, 1821. Prince Louis Napoleon, afterwards Napoleon III., was seen here occasionally while in exile. The King of Portugal went the round of the manufactories, June 26, 1854; Prince Oscar of Sweden, May 8, 1862; the Emperor of Brazil, July 28, 1871; the Sultan of Zanzibar, July 2, 1875; Archduke Randolph, Crown Prince of Austria, and Prince Esterhazy, January 31 1878; and the

Duke of Braganza, Crown Prince of Portugal, in December, 1883.

Sabbath Breaking.—In 1776 the churchwardens threatened to punish everyone caught playing at bill on the Sabbath. In 1779 they frequently stopped waggons travelling on that day, and fined the owners for so doing. In December, 1781, thirty-eight publicans were fined for allowing "tippling" on Sundays.

Sailor's Return.—There are several public-houses in the town with the sign of "The Sailor's Return," but few of the landlords can tell the history of the first so-named, which is in Watery Lane, at the bottom of Lawley Street. It is near a hundred years ago since "Old Dr. Spencer" was Vicar of Aston Church, and, though he was fond of hunting, and could be "a jolly good fellow" occasionally, few parsons have gone to the grave more lamented, for he was a man without cant,—a Christian who never thought himself better than his neighbours, be they rich or poor. His only son was mortally wounded in one of Nelson's battles, but he lived just long enough to give his watch and a few trifles for his father to the sailor who waited on him. 'Twas some time before the "old salt" got to land, and he had been in another brush with the French, and had left a leg behind him. When he delivered his message to the Dr., the latter asked what he could do for him. "Why, sir," said the sailor, "I should like to keep a public-house;" and he did, the Dr. christening it "The Sailor's Return."

Saltley.—So far as our ancient histories can tell us, there was a mansion here long previous to the Conquest, and the diligent antiquarian may still find an old Saltley Hall, though it looks wretchedly neglected and desolate. Saltley is one of the busiest of our suburbs, there being very extensive Railway Carriage and Wagon Works here, besides other factories and the

Corporation Gas-works, the population being about 7,000.

Sandwell Hall and Park.—Seat of the Earl of Dartmouth, who frequently permits the Park to be used for public purposes. Of late, however, it has acquired a far greater interest through the discovery of coal underneath its surface. The extension of the coal seams in this direction was long a debatable question, and the originators of the Sandwell Park Colliery Company were deemed by many to be very foolish people to risk their money in such a venture, but after a four years' suspense their most sanguine expectations were more than realised, and their shares, which at one period were hardly saleable, ranked amongst the best investments of the country. By their agreement with the owner, the Company have the right of mining under an area of 185 acres, at a royalty of 6d. per ton, with the option of taking a further area of 1,515 acres at a like royalty. The first sod was cut April 12, 1870, the thick coal being struck May 28, 1874, at a depth of 418 yards, the shaft, which is 10ft. diameter, being carried down to a total depth of 440 yards—a quarter of a mile; the second shaft, which was commenced June 24, 1874, is 15ft. in diameter. The following are the "winnings": brooch coal, 2ft. 6in. thick, at a depth of 380 yards; best coal, 20ft. 6in. thick, at 418 yards; heathen coal 4ft. thick, at 427 yards; white ironstone, of excellent quality, at 434 yards, and good fire-clay, 6ft. thick, under that, besides thin seams of gubbin ironstone, and new mine coal.

Saturday Half-holiday.—The introduction of this boon to workmen took place in 1851, Mr. John Frearson, of Gas-street, claiming the honour of first giving it to his employees.—See "*Excursions*."

Scandalous Schoolmasters.—The Rev. Mr. Wills, of Brumingham, with several county esquires and

gentlemen, were appointed Commissioners under an Act passed towards the close of "The Long Parliament," to summon and examine any "public preachers, inefficient ministers, and scandalous schoolmasters who shall be proved guilty of drunkenness, common haunting of taverns or alehouses, dealing with lewd women, frequent quarrelling or fighting, frequent playing at cards or dice, profaning the Sabbath Day, or do encourage or countenance by word or practice any Whitsun ales, wakes, Morris-dances, Maypoles, stage plays, &c.," and to remove the same where needed. A little quarrelling or fighting, or playing at cards, was apparently no offence.

School Board.—The first election took place Nov. 28, 1870, there being the following twenty-eight candidates, the first fifteen named being the chosen elected by the number of votes attached to their names, viz., Canon O'Sullivan, 35,120; S. S. Lloyd, 30,799; Dr. Burges, 21,925; Dr. Wilkinson, 19,829; John Gough, 17,481; Rev. F. S. Dale, 17,365; G. Dawson, 17,103; G. Dixon, M.P., 16,897; W. Dale, 16,387; C. Vince, 15,943; J. S. Hopkins, 15,696; W. L. Sargent, 15,683; J. Chamberlain, 15,090; J. S. Wright, 15,007; A. J. Elkington, 14,925; G. Baker, J. A. Cooper, Jesse Collings, Rev. H. W. Crosskey, Dr. Sebastian Evans, Rev. H. W. Holland, — Kirkwood, G. B. Lloyd, Dr. Meison, W. Middlemore, W. Radford, — Raffles, and Archdeacon Sandford. 29,183 voters, out of 52,340, recorded their votes. A considerable amount of party feeling was shown in the contest, the candidates being divided (with one or two exceptions) into two distinct classes, the Liberals who wanted the Bible read in the schools without explanation or comment, and the Churchmen who went in for Scriptural teaching. The latter party obtained the majority by electing the whole of the eight they put in nomination, the Liberals, who

thought they could run the whole fifteen, find that by grasping at too much they had lost all the power they had fondly hoped to acquire. The first meeting of the Board was held Dec. 15, Mr. Sargent being elected chairman and Mr. S. S. Lloyd vice-chairman. During the three years' reign of this Board the religious question was a continual bone of contention, the payment of school fees for the teaching of the Bible in denominational schools being denounced in the strongest of terms in and out of the Board-room by the "Irreconcilables," as the Nonconforming minority were termed. The practical results of the Board's proceedings may be summed up thus: The Education Department decided that school accommodation was required for 15,000 children; the School Board borrowed £40,000, received £20,500 from the rates, built five schools (in Lingard-street, Jenkins-street, Farm-street, Garrison-lane, and Steward-street), which would hold about 6,000 children, boys, girls, and infants, and engaged fifteen teachers, 52 pupil teachers, and two assistants. They also allowed the sum of 1s. per week for every child detained in a certified industrial school, committed by the borough magistrates, enforced in some measure the compulsory clauses of the Education Act, entered into negotiations for the building of four other schools, quarrelled with the Town Council, and dissolved without thanking their chairman.—The second election of the School Board took place Nov. 17, 1873, when eighteen persons were nominated, as follows (the three last being the unsuccessful candidates):—G. Dixon, M.P., 39,447 votes; J. Chamberlain, 38,901; Miss Sturge, 37,260; C. Vince, 36,505; J. S. Wright, 36,417; R. W. Dale, 34,986; G. Dawson, 34,301; Jesse Collings, 33,877; Canon O'Sullivan, 32,087; S. S. Lloyd, 29,783; Dr. Burges, 24,582; A. J. Elkington, 24,213; W. L. Sargent, 24,207; Rev. F. S. Dale, 23,864; Dr. Wilkinson,

23,157; G. Heaton, 23,140; W. H. Greening, 22,881; and W. Watlow, 19,193. This election was fought with all the rancour of a political contest, Tory and Liberal being pitted against one another in the name of religion, the Book of Books being dragged through the mire of party warfare in the most outrageous manner, discreditable to both sides, and especially so to those teachers of the Gospel, who delighted in the almost blasphemous alliterations of "Bible and beer," "gin and Jesus," &c., so freely dundied about. The Liberal party this time gained the ascendancy, their first "liberal" action being to take away the allowance granted to the Industrial Schools, and reversing as much as possible the policy of their predecessors. It would be waste of space to comment upon the doings of the Board during the past ten years otherwise than to summarise them. The Liberal party have maintained their ascendancy, and they have provided the town with a set of schools that cannot be equalled by any town in the kingdom, either for number, magnificence of architecture, educational appliance, high-class teachers, or (which is the most important) means for the advancement of the scholars, to whom every inducement is held out for self-improvement, except in the matter of religion, which, as nearly as possible, is altogether banished from the curriculum. At the end of 1883, the thirty completed schools provided accommodation for 31,861 children, 10,101 boys, 9,053 girls, and 12,707 infants, but the number of names on the books reached nearly 40,000. Other schools are being built, and still more are intended; and, as the town increases, so must this necessary expenditure, though, at first sight, the tax on the ratepayers is somewhat appalling. In 1878 the "precept" was for £46,500; in 1879, £44,000; in 1880, £39,000; in 1881, £42,000; in 1882, £48,000; in 1883, £54,000; in 1884, £55,000. The receipts and expenditure for the half-year

ended 25th March, 1884, gives the following items:—Balance in hand 29th September, 1883 £10,522 1s. 7½d.; rates (instalment of precept), £27,250; maintenance—grants from Committee of Council on Education, £9,866 18s. 4d.; school fees, £4,806 3s. 8d.; books, &c., sold, £223 18s. 6d.; rent of Board schools, £655 9s.; needlework sold, £215 12s. 2d.; grant from Science and Art Department, £306 0s. 3d.; total, £16,074 1s. 11d.; scholarships, £114 13s.; sundries, £14 0s. 3d.; total income, £54,004 16s. 9½d. The following was the expenditure: Repayment of loans, &c., £11,016 13s. 6d.; maintenance, £30,040 16s. 1d. (including £23,300, salaries of teachers); scholarships, £126 13s. 3d.; compulsion and management, £3,857 3s. 4d.; sundries, £28 4s.; amount transferred from capital account, £30 1s. 10d.; balance in hand, £8,905 4s. 9½d.; total, £54,004 16s. 9½d.

A Central Seventh Standard Technical School has been originated through the offer of Mr. George Dixon to give the use of premises in Bridge Street, rent free for five years, he making all structural alterations necessary to fit the same for the special teaching of boys from the Board Schools, who have passed the sixth standard, and whose parents are willing to keep their sons from the workshops a little longer than usual. The course of the two years' further instruction proposed, includes (besides the ordinary code subjects, the three R's) mathematic, theoretical, and practical mechanics, freehand, geometry, and model drawing, machine construction and drawing, chemistry and electricity, and the use of the ordinary workshop tools, workshops being fitted with benches, lathes, &c., for the lads' use. The fee is 3d. per week, and if the experiment succeeds, the School Board at the end of the five years will, no doubt, take it up on a more extended scale.

Aston School Board.—The first election took place July 29, 1875, and, as in Birmingham, it was fought on

the usual political basis, the Liberals gaining the day. The Board has nine Schools, with an average attendance of 11,500 children, out of nearly 15,000 on the registers; 187 teachers, and a debt of £110,000.

King's Norton Board.—The first election took place March 19, 1876. Eight Schools have been built since that date.

Schools and Colleges.—What with thirty board schools, about sixty church and chapel schools, and nearly 300 private enterprise schools, Birmingham cannot be said to be short of educational establishments, even for the 100,000 children we have amongst us. At the end of 1881 there were 93,776 children in the borough between the ages of three and thirteen. Next to the Free Grammar School, the oldest public school in the town must be the Lancelian School, which was opened September 11, 1809, and was rebuilt in 1851. The National School in Pinford Street was opened in 1813, the Governors of the Free Grammar School having the privilege of sending sixty children in lieu of rent for the site. The Madras school was formerly at the bottom of King Street. The first Infant Schools were read of were opened in 1825. The first stone of the Industrial School in Gem Street was laid April 13, 1849. Ragged Schools were opened in Vale Street, September 11, and in connection with Bishop Ryder's, September 17, 1862, and in Staniforth Street, January 11, 1868. The schools in the Upper Priory were erected in 1860; those in Camden Drive in 1869. The Unitarian Schools, Newhall Hill, were opened in 1833; the New Meeting Street Schools in 1844. Winfield's in one sense must be called a public school, though connected with a factory and built (at a cost of over £2,000) for the education of the young people there employed. The respected owner of the Cambridge Street Works, like many other Conservatives, was one of

the most liberal-minded men, and hundreds owe not only their education, but their present position in life to the care bestowed upon them at this school.—A Roman Catholic School was opened in Bartholomew Street, October 1, 1872; in Brougham Street, December 27, 1872; and new Schools in Shadwell Street, (costing about £4,500), June 25, 1883.—The Palmer Street Congregational Schools, which cost £2,500, were opened February 12, 1877. The old Wesleyan chapel, in Martin Street, was fitted up for schools in 1865. The same body opened schools at Summer Hill, in 1874; in Isknield Street West, January 1, 1875; and laid the first stone of another school in Sterling Road, September 22, 1884.—The Helrew National Schools, Hurst Street, were opened May 21, 1844.

The Birmingham and Edgbaston Proprietary School, Hagley Road, was the property of a company constituted by deed of settlement, dated February 28, 1839. The cost of the land chosen to build upon and the handsome edifice erected was £10,500, the school being opened in 1841. In 1874 there was originated a Birmingham Higher Education Society, and in 1876 a scheme was adopted for a High School for Girls in conjunction with the Proprietary School, a company being formed, with a nominal capital of £20,000, for the purchase of the property; but the days of the School's prosperity seem to have passed away, and in August, 1881, it was bought over by the Governors of the Free Grammar School.

Blue Coat School (facing St. Phillip's Churchyard) founded in 1721, and was erected in 1724, provision having been made in the Act for building St. Philip's Church for securing the necessary land required for the school for a term of 1,000 years at 10s. per year. The first cost of the building was about £3,000, but many alterations and extensions have since been made thereto, the quaint little statues in the front being put up in 1770; they are the work of

Mr. Edward Grubb, and are said to have been portraits of two of the children then actually in the school. The first bequest recorded is that of Mrs. Elizabeth White, who in 1722 left nearly 30 acres of land worth about £250 per year for the support of the school. In 1726 Benjamin Silsbury left 30s. per year for the preaching of a sermon at St. Martin's and St. Philip's, and a further 40s. per year as a subscription; as did also Thomas Dunscombe in 1729. In 1795 the Lord of the Manor presented the school with a slice of Birmingham Heath, above five acres in extent, which is now let on a long lease at £96 10s. per year. In 1806 other land was devised, and from time to time considerable sums have been invested in like manner and in consols, so that a fair income is derived from these sources, in addition to the voluntary and annual subscriptions, but judging from the past and the admirable way in which the funds have been administered it may be truly said that if the income were doubled or trebled so would be the benefits in like proportion. At first opening 22 boys and 10 girls were admitted, and 10 others of each sex were taught and clothed; the latter system, however, had many inconveniences, and was soon discontinued. At present the average number is 150 boys and 100 girls on the original foundation, 20 being paid for out of Fentham's Trust.

Bourne College is situated at Quinton, and is an institution for the education of the sons of friends belonging to the Primitive Methodist denomination. The memorial stones were laid June 6, 1881, and the College was opened October 24, 1882, with accommodation for 70 boys.

Church Schools.—St. Alban's Schools were commenced in 1865. Bishop Ryder's Schools were opened in December 1860, and for girls in March 1866. Christ Church Schools were built in 1837 at a cost of nearly £4,000. St. George's Schools were built in 1842; St. John's (Sparkhill) in 1884; St.

Mary's, Bath Street, in 1824, the present schools dating from January, 1847. St. Martin's Church Schools were opened Nov. 1, 1846, but were transferred to the School Board, July 9, 1879; St. Matthew's, Lupin Street, October 20, 1841; St. Paul's, December 18, 1845; the Legge Lane Schools being erected in 1869. St. Anne's School, Deritend, was opened May 31, 1870; St. Mary's, Aston Brook, April 16, 1872.

King Edward the VIth's Schools.—For 300 years known as the Free Grammar School, having been founded in 1551, the fifth year of the reign of Edward VI., and endowed with part of the property taken by his reforming father Henry VIII., in 1536, from the religious foundation known as the "Guild of the Holy Cross." At the time the charter was granted (Jan. 2, 1552) these lands were valued at about £20 per annum, and so little was it imagined that Birmingham would ever be more than the small hamlet it then was, that a funny tale has come down to the effect that the good people of King's Norton, when offered their choice of similar lands or a sum equal thereto, wisely as they thought chose the "bird in hand" and asked for the £20 per year for their school, leaving the Bruns to make what they could out of the bare fields once belonging to the brotherhood of the Holy Cross. Like the majority of so-called charity schools, this foundation was for many generations so managed that the funds went into almost any channel except the purpose for which it was designed—the free education of the poor—and even now it would be an interesting question to find out how many boys are receiving the advantages thereof whose parents are well able to pay for their learning elsewhere. The property of the charity is widely scattered over the town, here a piece and there a piece, but it is rapidly increasing in value from the falling in of leases the rentals, which in 1827 were about £3,000 per annum, being in 1840

£8,400, in 1860 £12,600, and now £25,000; by the expiration of this century it will be at least £50,000. The earliest existing statutes are dated October 20, 1676, one of the most comical being that the assistant masters were not to marry. The head master's salary in 1676 was fixed at £68 15s., with a house and land; in 1738 he was allowed £20 in lieu of the house, in 1788 the salary was increased to £150; in 1726 to £200; in 1816 to £400; and now it is about £1,200. The second master at first received £34 6s. 8d.; in 1874 he received £300. The first school was the old Guildhall of the Holy Cross, which was pulled down at the commencement of the 18th century, a new school being erected in 1707, and removed in 1833, to make way for the present edifice, which was erected in 1840, from the designs of Mr. Barry, at a cost of £67,000. The school has a frontage of 174 feet, with a depth of 125 feet, being 60 feet high. The "schoolroom" proper is 120 feet, by 30 feet and 45 feet high. In the last century the governors "set up" branch schools in Shut Lane, Dudley Street, Freeman Street, London 'Prentice Street, and other localities; and in 1838 elementary schools were erected in Gem Street, Edward Street, and Meriden Street, as preparatory adjuncts to the New Street School. Extensive changes have lately been made in the government and management of the Grammar School, which can no longer be called a "Free School." Formerly the governors were self-elected, but by the new scheme, which was approved by the Queen in Council, March 26, 1878, the number is limited to twenty-one, eight of them being appointed by the Town Council, one by the school teachers, one each by the Universities of Oxford, Cambridge, and London, and the remaining nine to be chosen by the Governors themselves. The first meeting of the new Board of Governors was held May 15, 1878. The New Street School

is divided into a High School for boys, a High School for girls, and a Middle School, the other schools being respectively called Grammar Schools. The fees now payable at the Five Ways School (formerly the Proprietary School), and at the new schools at Camp Hill and Albert Road, Aston are 2s. 6d. on admission, and £3 annually; to the High Schools the entrance fee is 10s., and the tuition fees £9 per annum; to the Middle Schools, 5s., and £6 per annum. The number of children in all the schools is about 2,000, and the fees amount to about £4,000 per annum. There are a number of foundation scholarships, which entitle the successful competitors from the Grammar Schools to free tuition at the High Schools, and ten exhibitions arising out of the Milward's, and Joanna Lench's Trusts, for the Universities, besides yearly class prizes of considerable value.

Mason's Scientific College.—The foundation of this College, situated in Edmund Street, opposite the Free Library, was laid on the 23rd February, 1875, by Sir Josiah Mason, the founder, who in that manner celebrated his 80th birthday; and it was opened October 1, 1880. The College, which is estimated to have cost £100,000, was built entirely by the founder who also endowed it with an income of about £3,700 per annum, with the intention of providing instruction in mathematics, abstract and applied; physics, mathematical and experimental; chemistry, theoretical, practical, and applied; the natural sciences, geology, metallurgy and mineralogy; botany, zoology and physiology; English, French and German, to which have since been added Greek, Latin, English literature, civil and mechanical engineering; the chemistry, geology, theory and practice of coal mining, &c. The entire management is in the hands of eleven trustees, five of whom are appointed by the Town Council, and there is no restriction on their powers, save that they must be laymen and Protes-

tants. The students may be male or female of any creed, or of any birth-place, though preference is given to candidates from Mason's Orphanage, and to persons born in Birmingham or Kidderminster, other things being equal. The site contains a little over an acre of land, extending through from Edmund Street, with a frontage of 149 feet, to Great Charles Street, with a frontage of 127 feet. About one half of the area is covered by the present buildings, which were erected from the designs of Mr. J. A. Coxsuius, who chose the 13th century style, with elaborations of a French character, its stone balconies, lofty gables, oriel and dormer windows, picturesque turrets, and numberless architectural enrichments, forming a contour quite unique in the Birmingham district, though much of its beauty is lost through the narrowness of the thoroughfare. The College is built in two blocks communicating by corridors, and contains several lecture and other large rooms, laboratories, class-rooms, &c., so arranged that the attendants on one department in no way interfere with others, there being about 100 apartments altogether, in addition to library, reading-rooms, private rooms, &c. The report for the year ending Founder's Day, February 23, 1884, showed the number of students in the day classes during the session to have been 366—viz., 229 male and 137 female students; while in the evening classes there were 118 male and 54 female students, 20 students attending some day as well as evening classes. The number of individual students registered during the session 1882-3, as attending day or evening classes, was 518, as against 462 in 1881-82, and 181 in 1880-81. The accounts showed an expenditure for the year of £8,095 12s. 2d., of which £4,258 7s. 9d. was in respect of the teaching staff. The expenditure exceeded the income by £764 0s. 8d., principally on account of additional buildings, repairs, &c. The trustees have lately made pro-

vision for nine scholarships, including two entrance scholarships of £30 each; one of £30, for students of one year's standing; two of £30 each, for two years' students; two of £20 each for honour students in the examinations of the University of London; and two technical scholarships of £30 each, one in the chemical and the other in the engineering department. The two last are known as the Tangye, Scholarships, having been given by Messrs. R. and G. Tangye, and funds are being raised for several others.

Queen's College.—Originally established in 1828 as the School of Medicine, being patronised afterwards by William IV., it being known as The Royal School of Medicine and Surgery, under which name it existed until incorporated by Royal Charter in 1843, when it was rechristened as The Queen's College. The first building erected for the use of the Royal School was located in Snow Hill, the ceremony of laying the foundation stone of the present handsome Gothic edifice in Paradise Street being performed August 18, 1843, the chapel being consecrated in the following year. At first there was but a medical department, but, at the incorporation, a theological department was added, and for many years, principally through the exertions of Dr. Warneford and Mr. W. Sands Cox, it was one of the most thriving and popular Colleges in the kingdom, the courses of study qualifying for degrees at the University of London, and for diplomas of the Society of Apothecaries, and the Royal College of Surgeons; while theological students, with the College certificate, could go up for their B.A. degree, with only a twelve months' residence at the University. A department in connection with the Arts, Manufacture, and Commerce was opened in May, 1853, and a High School of Trade and Commerce, for giving an education specially adapted for youths intended for mercantile pursuits, was commenced in the autumn of 1877. An attempt to extend the

medical education to female students was made at one time, but the ladies were refused permission to attend the College June 27, 1873; they are still debarred from studying surgery here, and none have as yet entered their names on the list of theological students. In the other departments greater facilities have been allowed the fair sex, a Central High School for girls being opened at the College September 17, 1879, accommodation being provided for eighty pupils. The Museum of Natural History formed at the College soon after its opening, long one of the town attraction for visitors, was presented to the Corporation, and formed the nucleus of the heterogenous collection at Aston Hall. The medical students have the advantage of an extensive Anatomical Museum, and there is, besides, a library of about 6,000 volumes of the best works and books of reference that could be obtained.

Oscott College.—The old Roman Catholic College of St. Mary's, at Oscott, was first used as such in 1808. The present building was commenced in 1835, and opened May 31, 1838, and is considered one of the chief English seminaries for Catholic students in theology. The chapel is 112ft. long by 33ft. wide, and is richly decorated, having side chapels and several handsome memorial windows. The College library is very extensive, and includes many very rare, valuable, and ancient works, some choice MSS., and a number of "old masters," the latter having been contributed by the late Earl of Shrewsbury.

Saltley Training College, which covers nearly seven acres of land, was instituted in 1847, and was opened at Easter, 1852, for the education of future schoolmasters in connection with the Established Church. The building cost nearly £18,000 and will accommodate 100 students who undergo a two years' training, the College being under the inspection of the Committee of Council on Education. Government grants amount to about

two-thirds of the income, the balance being raised by public subscription and from fees. In addition to over fifty scholarships tenable by students who pass their examination, there are four exhibitions arising from a sum of £2,000 given in October, 1874, by the late Mr. Arthur Ryland (for a donor who desired to be anonymous) to the governing body of this College "to found a trust for promoting the teaching of teachers the laws of health, and inducing teachers to make that subject one of the things steadily taught in their own schools," and a further £1,000 for four exhibitions to students.

Severn Street First Day Adult School.—The name tells pretty well that this school was commenced by some members of the Society of Friends, though there is really nothing sectarian about it. Established in 1845, in a simple way and with but few classes, there is hardly an institution in the town that can be compared to it in the matter of practical usefulness, and certainly none at which there has been exhibited such an amount of unselfish devotedness on the part of teachers and superintendents. The report to the end of 1883 stated that during the year the progress of the school had been of an encouraging character. The following statistics were given of the total attendance at all the schools connected with the movement:—Number of teachers, 57 males, 25 females—total, 82; average attendance, 51 males, 23 females—total 74. Elementary teachers, 173 males, 21 females—total, 194; average attendance, 152 males, 19 females—total, 171. Number of scholars, 3,370 males, 653 females—total, 4,023; average attendance, 2,510 males, 510 females—total 3,080. The total number admitted since the men's school commenced in 1845, and the women's in 1848, had been 40,350. In connection with the school there are a number of organisations of great utility, such as sick societies, building societies, savings' funds, libraries, excursions clubs, &c. In the savings'

fund the balance in hand reached £14,000, while over £18,000 had been paid into the building societies. There are a dozen other "adult schools" in the town which have sprung from Severn Street.

Spring Hill College.—For the education and training of Independent ministers, was first opened in 1838, in the mansion of Mr. George Storer Mansfield, at Spring Hill, that gentleman giving certain landed property towards its future support. The present edifice, near Moseley, to which the old name was given, was opened in June, 1857, the cost of the building, &c., nearly £18,000, being raised by voluntary contributions. It has room for 36 students.

Sunday Schools.—Sunday classes for the teaching of the Catechism, &c., date from a very early period of Church history, but Sunday Schools as they are now known seem to have been locally organised about a hundred years ago, the Sunday after Michaelmas Day in 1784 being marked as a red-letter-day on account of there being twenty-four schools then opened, though the course of instruction went no further than teaching the children to read. In 1789 some young men formed the "Sunday Society" as an addition thereto, the object being to teach writing and arithmetic to boys and youths of the artisan class. In 1796 the society was extended, other classes being formed, lectures delivered, &c., and it was then called the "Brotherly Society." Mr. James Luckcock and Mr. Thos. Carpenter were the leaders, and this is claimed to have been the origin of Mechanics' Institutes. The Unitarians date their Sunday Schools from 1787: the Baptists and Methodists from 1795. Deritend Sunday School was opened by Mr. Palmer in 1808, with but six scholars; in a month they were so numerous that part had to be taught in the street. The first prizes given to the children were new Boulton pennies. On Emancipation Day

(August 1, 1838) there was a procession of over 3,000 scholars from the Baptist Sunday Schools. In 1812 the Birmingham Sunday School Union was organised. The medallists of this town sent out about 800,000 commemoration medals in 1880, when the Sunday School Centenary was kept. Nearly 2,000 teachers attend the Church schools and about 2,500 attend Dissenting and other schools, the number of children on the books of Sunday Schools in Birmingham being estimated at—

	14 years and over.	Under 14 years.	Total.
Church of England schools.....	5,500 ..	16,500 ..	22,000
Sunday School Union	7,312 ..	13,660 ..	20,972
Wesleyan and others ..	2,745 ..	6,427 ..	9,372
Roman Catholic ..	1,200 ..	1,950 ..	3,150
Unitarian.....	692 ..	1,359 ..	1,961
Other schools.....	590 ..	750 ..	1,250
	17,850 ..	40,846 ..	58,705

Wesleyan College.—The five memorial stones of a College for training Wesleyan ministers, at the corner of Priory and College Roads, Handsworth, were laid June 8, 1880. The site includes $17\frac{1}{2}$ acres, and cost over £7,000, the total cost of the College when completed and furnished being estimated at £40,000. About fifty students are accommodated at present, but there is room for thirty more.

Seraps of Local History.—A foreign visitor herein the reign of James II., wrote that our tradesmen were in the habit of spending their evenings in public-houses, and were getting into lazy habits, so that their shops were often not opened before 7 a.m.

Another intelligent foreigner (*temp* Charles II.) has left it on record that not only was smoking common among women here, but that the lads took a pipe and tobacco with them to school, instead of breakfast, the schoolmaster teaching them at the proper hour how to hold their pipes and puff genteely.

Hutton believed that the scythe-blades attached to the wheels of Queen

Boadicea's war chariots (A.D. 61), as well as the Britons' swords, were made in this neighbourhood.

When escaping from Boscobel, in the guise of Miss Lane's servant, Charles II. hal to appeal to a blacksmith at Erdington to re-shoe his horse. The knight of the hammer was a republican, and his majesty chimed in with the man's views so readily, that the latter complimented his customer on "speaking like an honest man." Miss Lane afterwards married Sir Clement Fisher, of Packington, and her portrait may be still seen at the Hall.

During the battle of Waterloo, the Duke of Wellington saw a little fellow in plain clothes riding about on a cob, and, beckoning him up, told him he was in danger. The little man, however, said he had come to see a fight, and meant to stop it out. Shortly after, the Duke wanting a messenger, employed the rider of the cob to take a message across the field, directing a certain regiment to charge the enemy. This was done, and the Duke took his messenger's card and saw no more of him at that time; but afterwards, finding that the little man was the traveller to a Birmingham button maker, he appointed him to a situation in the Mint, at £800 a year.

In 1766, it was necessary to have 25 constables ready to protect the farmers coming to market with their corn, the times were so hard with the poor. In the following year large quantities of rice were purchased by subscription, and one gentleman, it is said, himself gave away half-a-ton per day for ten days.

In 1853, a premium of £30 was offered for the best design of an illuminated clock, to be erected on the open space in front of Christ Church.

A Queen Anne's farthing of rare type was turned up in the Bull Ring, in July, 1879.

The body of William Woodward was found (March 21, 1878) in the branches of a tree in Little Green Lane,

he having climbed up there previous to death.

The giving of free breakfasts on a Sunday morning to the poor children of the streets, was commenced July 4, 1875, at Park Street Ragged Schools. A system of supplying school-children with penny dinners is the latest philanthropic movement.

The hottest day recorded in our local history was June 23, 1868.

The Orsini bombs used in Paris, January 15, 1858, were made in this town.

A hundred years back, meetings of the inhabitants were called by the tolling of one of St. Martin's bells.

The declaration of war, or cessation thereof, used to be proclaimed in the market by the High Bailiff.

The 7th Earl of Stirling officiated in this town as a Nonconformist minister, simply styling himself the Rev. John Alexander; he died Dec. 29, 1765, and was buried in the Old Meeting graveyards. His sister, who became Countess in her own right, was married to a local manufacturer, William Humphrys.

Sessions.—The first of the Borough Quarter Sessions was held July 5, 1839, M. D. Hill, Esq., Recorder. On the 25th of November following the magistrates began to sit daily at Petty Sessions.

Secular Club and Institute.—The members having bought the remainder of lease (32 years) of No. 18, Crescent, for £340, have fitted it up for the purposes of their club and on June 1, 1877, the foundation-stone was laid of a lecture hall at the rear, 70ft. long by 19ft. wide. St. George's Hall, Upper Dean Street, was their former meeting place.

Sewerage and Sanitary Works.—The disposal of the sewage of a large town away from the sea or tidal rivers has at all times been a source of difficulty, and Birmingham forms no exception to the rule. When it was in reality but the little "hard-ware village" it has so often been

called, the Rea was sufficient to carry off the surface waters taken to its channel by the many little rills and brooks of the neighbourhood, but as the town increased, and house drainage defiled that limped stream, it became necessary to construct culverts, so as to take the most offensive portion of the sewage to a distance from inhabited houses. A great improvement was looked for after the introduction of the Waterworks, allowing the use of water-flushed closets in the better class of houses, instead of the old style of accommodation usually provided at the end of the garden, but even this system became a nuisance, especially to residents near the river Tame, the receptacle of all liquid filth from our streets, closets, middens, and manufactories, and legal as well as sanitary reasons forced upon the Corporation the adoption of other plans. Our present sanitary system comprises the exclusion, as far as possible, of closet refuse and animal and vegetable matters from the sewers, and secondly, the purification by filtration, &c., of the outpourings of the sewers, after the partial separation therefrom of the more solid constituents. In 1871, when the real sanitary work of the borough may be said to have practically commenced, out of about 73,200 houses only 3,884 were provided with water-closets, the remainder being served by middens, drained and undrained, the greater part uncovered and polluting the atmosphere, while the soakage fouled the earth and contaminated the wells. From these places in 1873 there were removed 160,142 loads of ashes, &c., the number of men employed being 146, and the cost, allowing for sales, over £20,000, or £55 10s. per 1,000 of the Population. In the following year the Council approved of "the Rochdale system," closet-pans and ash-tubs taking the place of the old style with middens, the contents being removed weekly instead of being left to accumulate for months. At first the new

system was far from perfect, and met with much opposition, notwithstanding the certainty of its being a more healthy plan than the old one; but improvements have been made, and it is now generally confessed that the pans and tubs are the right things in the right places. The number of pans in use in 1874 was 3,845; in 1875, 7,674; in 1876, 15,992; in 1877, 22,668; in 1883, 37,287, equal to a collection of 1,900,000 pans per year. The sanitary force now numbers 622 men, who, in addition to the above, removed in 1883, from tubs, middens, &c., 128,966 loads of ashes. The chief depôt for this accumulation of refuse and rubbish is at the Corporation's wharf, in Montague Street, where over £52,000 has been laid out in buildings and machinery for its due disposal. At first, nearly two thirds of the mass had to be taken by canal into the country, where it was "tipped," the expense being so heavy that it entailed a loss of about 6s. 6d. per ton on the whole after allowing for that part which could be sold as manure. Now, however, the case is different. Extensive machinery has been introduced, and the contents of the pans are dried to a powder, which finds a good market; the ashes, &c., are used in the furnaces for the drying process, and the residue therefrom, or clinkers, forms a valuable substance for roadmaking or building purposes, &c., in the shape of concrete, paving flags, mantelpieces, tabletops, and even sepulchral monuments being constructed with it, so that in a short time the receipts will, it is expected, more than balance the expenditure in this department of Local sanitary work. The pollution of the river Tame in past years led to continuous litigation until the year 1877, when, as the result of an exhaustive inquiry, it was determined to form a United Drainage District Board, with powers to construct and maintain intercepting sewers sufficient for carrying the drainage of the whole district, com-

prising Aston, Aston Manor, Balsall Heath, Birmingham, Handsworth, Harborne, King's Norton, Northfield, Perry Barr, Salfley, and Smethwick. The first meeting of this Board was held December 6, 1877, when it took over the sewage farm at Salfley belonging to the Corporation (about 262 acres), the plant and stock, &c. Up to the present time (end of 1884), nearly half a million sterling has been spent by the Board, whose "farm" of 1,500 acres, extends from Salfley to Tyburn, two and a half miles, and who have now to deal with the sewage brought there from 188 miles of main sewers, extending as far as King's Norton and Selly Oak, Harborne, Smethwick, &c. The whole of the black and turgid stream of liquid filth brought down by the sewers is utilised upon the farm, some 200 cubic yards of mud being lifted daily from the settling tanks, to be dug in, while the overflow is taken by carriers to the most distant parts, and allowed to filtrate through the soil, until the resulting effluent is as clear as crystal, while immense crops are gathered yearly from the land so treated. An analysis made a little time back of a natural deposit from the town sewerage, formed near the embouchure of several sewers emptying into one of the great arterial mains, showed the absence of all ammoniacal salts and a scarcity of phosphates, particularly alkaline phosphates, and at the same time the presence of a large quantity of protoxide of iron, also of zinc, copper, and other metals in the state of oxides and sulphurets. These metallic salts absorb the sulphuretted hydrogen and ammonia generated by decaying vegetable and animal matter, and doubtless so contributes to promote the health of the town, but nevertheless every precaution should be taken against the possible admission to the house of "sewer gas," which at all times is injurious to health. The analysed deposit contained when dried only 1.4 per cent. of nitrogen (not as

ammonia) and 3.5 of earthy phosphates; but about 11.7 of protoxide of iron, besides zinc, copper, and other metals to the extent of 2 or 3 per cent. The latter-named proportions may in some measure account for "what becomes of the pins?" as in the deposit named (which was nearly solid) those useful little articles were exceedingly conspicuous.

Shambles.—The name given to the meat market in Jamaica Row. In the map of 1731, "The Shambles" are marked as a long block of buildings, a little higher than opposite the end of Bell Street, and in 1765 they still remained there, forming a kind of "middle row," among the incongruous collection of tenements, stallages, &c., that encumbered our Bull Ring, down to the gates of the church itself.

Ship Inn.—The old Ship Inn, at Camp Hill, where Prince Rupert had his headquarters in 1643, was pulled down in 1867; the present Ship Hotel being opened February 6, 1868. It was sold in July, 1882, for £12,050.

Shirley.—Situated in the parish of Solihull, though but a village with some half hundred cottages, has of late become a favorite spot for those fond of a Sunday drive.

Shoeblocks.—An attempt was made in 1875 to form a shoeblack brigade, but only ten gentlemen attended the meeting (called June 21), and the business was left to the irregulars.

Smallbrook Street.—A small stream formerly ran its course along part of this site, proceeding by way of Smithfield Passage to the moat, and thence through the mill-pool, back of Bradford Street, to the Rea. The ancient family of the Smallbrokes held considerable lands in the neighbourhood, but whether the street's name came from the small brook or the Smallbrokes is a matter of doubt.

Smallpox.—From the opening of the Smallpox Hospital in May, 1882, to July 10, 1884, the duration of the late epidemic, there were 1,591 cases admitted. Among the 1,384 patients who had been vaccinated there occurred 59 deaths; among the 207 unvaccinated, 90 deaths. No re-vaccinated person died.

Snow Hill.—There is a difference of 60ft. between the top level next Bull Street and the Bottom of Snow Hill.

Soho.—Prior to 1756 the country on the Handsworth side of Birmingham was little better than barren heath, the home of conies and a few beggarly squatters, until Mr. Edward Ruston leased from the Lord of the Manor the whole of the piece of common that lay between Nineveh and Hockley on the left of the West Bromwich Road. He deepened the channel of Hockley brook, and built a small mill by its side, which being purchased from him in 1764 by Matthew Boulton (who soon acquired the freehold also) formed the site of the once world-renowned Soho Works. In 1774, according to "Swinney's Birmingham Directory," these works consisted of four squares of buildings, with workshops, &c., for more than a thousand workmen. Many more than that number, however, were afterwards employed on the grounds, and for long years Soho House, as Boulton's residence was called, was the resort of lords and ladies, princes and philosophers, savants and students, to a far greater extent than many of the European courts. Of this home of the steam engine, and the birthplace of inventions too numerous to count, there is now no vestige left, the foundry being removed to Smethwick in 1848, the celebrated Mint, with the ware-houses and shopping, being cleared out early in 1850, and the walls razed to the ground in 1853.

Soho Hill.—The top is 177ft. higher than at Hockley Bridge, the foot of the hill.

Soho Pool was formed by the make of an embankment (1756-60) impounding the waters of Hockley brook, and for some years after the demolition of the Soho Works it was a favourite place for boating, &c. The pool was drained in 1866, and, having been filled up, its site will ere long be covered with streets of houses.

Solihull.—This very pleasant village, but a few miles distant, could boast of a Free School for its children at a very early date, for we read of the buildings being repaired in 1573. In 1882 the School was rebuilt, at a cost of about £5,700, and its endowments, some of which were given in the reign of Richard II., are yearly becoming of greater value as building progresses. The present population is nearly 6,000, the rateable value of property being £45,202, from an area of 12,000 acres. The parishes in the Union comprise Baddesley, Balsall, Barston, Bushwood, Elmdon, Knowle, Lapworth, Nuthurst, Packwood, Solihull, Tanworth, and Yardley, including an area of 46,302 acres, a population of 21,000, with a rateable value amounting to £157,000.

Spanish Armada.—The nobility and gentry of this and adjoining counties, at the time of the threatened invasion by the Spaniards, contributed sums of money sufficient to hire and equip no less than 43 ships of war. Among the names we note the following local subscribers of £25 each:—William Kinge and William Collmer (Colmore), of Birmingham; Richard Middlemore, Edgbaston; Mrs. Margaret Knowlys, Nuneton; Gabriell Powltney, Knowle; Richard Corbett, Meryden, &c.

Speaking Stile Walk.—In a footpath leading from Holloway Head to Edgbaston Church, there was a stile at a spot from which an exceedingly clear echo could be raised, and the footpath being partly thrown into a lane the latter became "Speaking Stile Lane." The short street or road at present existing preserves the name,

but that is all, the echo, the stile, and the footpath having vanished long, long ago.

Spelling Bee.—The first "Spelling Bee" held in Birmingham took place January 17th, 1876. Like many other Yankee notions, it did not thrive here, and the humming of those bees soon ceased.

Springs.—In Hutton's time there was, "a short distance from Birmingham, in the manor of Duddeston, and joining the turnpike road to Coleshill," a chalybeate spring of which he speaks very highly, though even then it was neglected and thought but little of. In 1849 Mr. Robert Rawlinson making inquiries, was told by the Town Clerk that "the chalybeate spring in Duddeston was turned into a culvert by the railway people when the Birmingham and Liverpool Railway was constructed," to the great regret of the inhabitants of the neighbourhood who spoke strongly of the virtues of the water in diseases of the eye. It was suggested in 1862 that an attempt should be made to reopen the spring for public use, but as it was nobody's business nobody did it. There was (sixty years ago) a spring a little below Saturday Bridge opposite Charlotte Street, which always gave forth a constant stream of beautifully clear soft water. Another in Coventry Road, where 25 years or so ago an old man stooping to quench his thirst fell head foremost, and not being able to recover his equilibrium, was drowned, leading to the spring being covered up. Several mineralised springs existed in Gooch Street, and thereabouts, and there was one that sprung out close to where Kent Street Baths are now. The spring which gives name to Spring Street and Spring Vale, and which has been turned so that its waters run into the sewers, is estimated to discharge 20,000 gallons of pure limpid water per hour. The little stream arising from this spring constituted part of the boundary line between the

Birmingham and Edgbaston parishes and at far less cost than it has taken to waste its water it could have been utilised for the above-named Baths, less than a thousand yards off, and with a natural fall of 6ft. or 8ft. Spring Hill takes its name from a spring now non-existent, but which was once a favourite with the cottagers who lived near to it.

Sporting Notes.—It is not for a moment to be admitted that the men of Birmingham in past years were one whit more brutal in their "sports" than others of their countrymen, but it must be confessed they somehow managed to acquire a shocking bad name to that effect. This of course must be laid to the credit of the local supporters of "the noble art of self-defence," the Brummagem bruisers. Bullbaiting and cockfighting were no more peculiar to this neighbourhood than parson-pelting or woman ducking at Coventry, where the pillory and ducking-stool were in use long after they had been put aside in Birmingham.

Archery at one period of history was so little of a sporting nature that laws were passed for the erection of shooting-buts, the provision of bows and arrows, and the enforcement of constant practice by all young men and apprentices. The monk's mixture of brimstone, charcoal, and saltpetre, however, in course of time left the old English clothyard shaft with its grey goose feather and the accompanying six-foot bow of yew to be playthings only, or but fit to use in shooting squirrels or other small deer. The "Woodmen of Arden" is the oldest society (in this county) of toxophilotes as the modern drawers of the long bow are called, which society was "revived" in 1785, the Earl of Aylesford giving a silver bugle horn and his lady a silver arrow as first and second prizes. The members of a local society may in summer months be sometimes seen pacing their measured

rounds on an allotted portion of the Edgbaston Botanical Gardens.

Athletics.—The Birmingham Athletic Club opened the Gymnasium in King Alfred's Place, in Aug. 1866, and hold their annual display and assault-at-arms in the Town Hall in the month of March. Certain hours are allotted to the ladies' classes, and special terms are made for young men and schoolboys.

Bowling Greens and Quoit Grounds were once favourite places of amusement, many even of the town taverns having them attached. There was one at the Salutation, bottom of Snow Hill, in 1778, and at an earlier date at the Hen and Chickens, in High Street. In 1825 a bowling green was laid out at the corner of Highfield Road and Harborne Road, for "a very select party" of Edgbastonsians. There was also one at the Plough and Harrow, and several may still be found in the neighbourhood.

Chess, aristocratic game as it is, is far from being unknown here, a Chess Club having been established half-a-century back, which has nearly a hundred members. Its present headquarters are at the Restaurant, 1, Lower Temple Street.

Cock-fighting.—Early numbers of *Aris's Gazette* frequently contained notices of "mains" fought at Duddeston Hall.

Cricket.—There was a Cricket Club in existence here in 1745, and it has been chronicled that a match was being played on the same day on which the battle of Culloden was fought. Of modern clubs, whose name is Legion, the oldest is the Birmingham C.C., started in 1819, the members including the young *élite* of the town, who had their field opposite the Monument at Ladywood. The Birchfield C.C. was organised in 1849. Among the noteworthy matches of late years are those of the All England Eleven against a local twenty-two, at the Lower Grounds, June 5, 1871, the visitors winning; the Australian

Eleven *v.* Pickwick and District Twenty-two, at Bournbrook, June 24 to 26, 1878, the game not being finished, the first innings showing 105 runs for the Eleven, against 123; the Australians *v.* Eleven of England, at Lower Grounds, May 26, 1884, when the Colonials put together 76 against 82 in the first innings, the second innings of 33 against England's 26 being won with five players left to bat.

Croquet was introduced in 1867; the first code of laws being published in October, 1869.

Cycling, though quite the rage at the present time, is by no means a modern amusement, as running a race with "dandy-horses" was considered good sport in the days of the fourth Royal George. These vehicles consisted of two wheels united tandem fashion, the bar being fitted with saddle-shaped seat as in the first bicycles, but the motive power was applied through the contact of the riders' feet with the ground.—The "track" at the Lower Grounds measures 591 yards.

Football is a game as old as the hills, and there are hundreds of clubs in the town and district, the best meadow for the purpose (at the Lower Grounds) being about 125 yards long by 75 yards broad. The Aston Villa is the chief club.

Hare and Hounds.—Every suburb and district has its club of Hurriers or Hare and Hounds, an annual cross-country amateur championship contest being started in 1879. At the last (Feb. 9, 1884) the Birchfield Hurriers scored their fourth victory against the Moseley Hurriers twice.

Hunting.—Time was when the sight of scarlet coats and hounds was no novelty in Birmingham, but those who would now join in the old English sport of hunting must go farther afield, the nearest kennels being at Atherstone. The announcements of the meets in this and adjoining counties

appear regularly in the *Midland Counties' Herald*.

Jumping.—At the Lower Grounds in July, 1881, Mr. P. Davine, of Belfast, jumped 6ft. 3in. the highest previous record having been 6ft. 2½in., the performance of Mr. M. J. Brookes, (Oxford U.A.C.) at Lillie Bridge, March, 1874.

Lacrosse, a popular Canadian game, was introduced here June 23, 1883, by a team of Canadian Amateurs and Iroquois Indians, who exhibited their prowess at the Lower Grounds.

Lawn Tennis, at first known as Lawn Racquet, was the invention of the late Major Gem, who played the first game in 1865 with his friend Mr. Perera, of Great Charles Street.

Pedestrianism.—Among the earliest noted achievements of local ped. is that of George Guest, who having wagered to walk 1,000 miles in 28 days finished his task Feb. 1, 1758, with five hours to spare, doing six miles in the last hour he footed it.—Mr. E. P. Weston, the walker *par excellence*, was at Bingley Hall in April, 1876, and at the Lower Grounds in Jan., 1884, when on his walk of 5,000 miles in 100 days.—A six days “go-as-you-please” match came off at Bingley Hall in Sept., 1882, and a ridiculous exhibition of a similar nature occurred in the following year, when women were induced to walk for the sport of gaping idiots.

Pigeon-flying has been for several generations the favourite amusement of numbers of our workers, and the flyers have a club of their own, which dates from August, 1875.

Pigeon-shooting is a cruel sport, not much favoured in this locality, and now that a cheap clay pigeon has been invented for use in this game, instead of the live birds, it is to be hoped that the disgraceful practice will be confined to the Hurlingham boys.

Prize-fighting was long the popular sport of high and low life blackguards, and Birmingham added many a redoubtable name to the long list of famous prize-fighters, whose deeds are

recorded in “Fistiana” and other chronicles of the ring. Among the most conspicuous of these men of might, were Harry Preston, Davy Davis, Phil Sampson, Topper Brown, Johnny and Harry Broome, Ben Caunt, Sam Simmonds, Bob Brettle, Tass Parker, Joe Nolan, Peter Morris, Hammer Lane, and his brothers, with a host of other upholders of fisticuffs, the record of whose battles will *not* be handed down to posterity in the pages of *Showell's Dictionary of Birmingham*, though, as a matter of history, it may be noted that the earliest account we have of a local prize-fight is of that which took place in Oct. 1782, for 100 guineas a side, between Jemmy Sargent, a professional, and Isaac Perrins, one of the Soho workmen. Jemmy knuckled under after being knocked down thirteen times, in as many rounds, by the knock-kneed hammerman from Soho, whose mates, it is said, won £1,500 in bets through his prowess. Attempts have lately been made to revive the old sport, but the sooner the would-be adepts learn that their occupation is gone the better it will be for them, and all men.

Racing and Steeplechasing was not unknown to the Brums of the 18th century, as the *Gentleman's Magazine* makes note of the races at Birmingham, May 27 to 29, 1740, but where the old racecourse was situated it is impossible to tell. Indeed it is doubtful whether any special course has ever long been in existence, as at various dates we read of races being held at Aston, Bordesley, Deritend, Walmer Lane, and other places. The Four Oaks Park, adjoining Sutton Park, formerly the property of a private gentleman, was bought by a company in June, 1879, for the purpose of laying out a racecourse in this neighbourhood, of a similar nature to that of Ascot, and other great racing centres. In addition to the Hall, the buildings comprise a grand stand (the memorial stone of which was laid June 2, 1880), and a club stand, each 70ft. by 66ft., with two galleries of seats

refreshment, private, and other rooms. Also a second stand for the general public, 62ft. by 31ft., and a press and jockey stand, 53ft. by 31ft. The "padding" occupies nearly three acres, while an area of 115ft. by 72ft. is devoted to "the Ring." The cost of these various buildings and their necessary adjuncts is estimated at about £12,000, the structures themselves, which are built of red brick with stone facings, accommodating 3,000 persons. The course is about a mile and a half in circumference, and the "straight" about five furlongs in length. The Park includes an area of 130 acres, and the first race was run March 1, 1831.—No steeplechases have been run on the old Wolverhampton course since 1855, and no flat races since Aug. 1877.

Running Records.—Mr. W. G. George, of the Moseley Harriers, won a twomile handicap at Stamford Bridge, April 24, 1884, in 9 min. 17 2-5 secs. On May 17, same year, he ran four miles, in 19 min. 39 4-5 secs. On July 28 following, he covered, in the hour, 11 miles, 932 yds., 9 in., being 37 yds. 2 ft. 3 in. less than the hitherto unsurpassed hour record of the celebrated Deerfoot in 1862. Another of George's feats took place May 1, 1882, when he ran ten miles in 52 min. 56 1-2 secs.

Skating Rinks were opened at the Lower Grounds May 1, 1875; at Bingley Hall, Oct. 2, 1875; at Moseley, Dec. 6, 1876; and at Handsworth, Oct. 8, 1877; and, for a time, the amusement was exceedingly popular, more than one fortune accruing from the manufacture of patent and other roller skates. One of the most noteworthy feats on the slippery rinks was the skating of 200 miles in 24 hours by a Mr. F. Betteridge at Bingley Hall, Aug. 20, 1878.

Swimming.—The Birmingham Leander Club commenced their aquatic brotherhood in June, 1877, and the members do themselves honour by gratuitously attending the public baths in the summer months to

teach the art of swimming to School Board youngsters. [See "*Baths*."] The celebrated swimmer, Captain Webb, who was drowned at Niagara, July 24, 1883, visited this town several times, and the Athletic Club presented him with a gold medal and purse December 4, 1875.

Statues, Busts, and Memorials.

—For many years it was sneeringly said that Birmingham could afford but one statue, that of Nelson, in the Bull Ring, but, as the following list will show, the reproach can no longer be flung at us. Rather, perhaps, it may soon be said we are likely to be overburdened with these public ornaments, though to strangers who know not the peculiarities of our fellow-townsmen it may appear curious that certain local worthies of the past have not been honoured in marble or bronze.

Attwood.—The figure of Thomas Attwood, in Stephenson Place, New Street, is the work of Mr. John Thomas, who did much of the carving at the Grammar School. The cost was about £900, and the statue was unveiled June 6, 1859.

Blue Coat Children.—The stone figures of a Blue Coat boy and girl over the entrance to the School in St. Philip's Churchyard, were sculptured by Mr. Edward Grubb, in 1770, and Hutton thought they were executed "with a degree of excellence that a Roman statuary would not blush to own." In 1881 the appearance of the figures was improved by their being painted in correct colours.

Bright.—At the time of the Bright Celebration in 1883, the Birmingham Liberal Association commissioned Mr. A. Bruce Joy to execute for them a marble statue of Mr. Bright, which the Association intend placing in the new Art Gallery. The statue itself is expected to be finished in 1885, but Mr. Bright has expressed his satisfaction with the model, which represents him standing erect in an attitude of dignified tranquillity, easy and natural with his left hand in the breast of his

coat, while the other hangs down by his side, emblematic of the Christian charity so characteristic of our distinguished representative.

Boulton.—There is a fine bust of Matthew Bolton in Handsworth, and as the owner of the great Soho Works certainly did much to advance the manufactures of this town, foreigners have often expressed surprise that no statue has been erected to *his* memory.

Buddha.—The bronze statue of Buddha, now in Aston Hall, is supposed to be 2,500 years old, and was found buried among the ruins of a temple at Soottan, on the Ganges, Dec 6, 1862. It was presented to this town in 1864 by Mr. Samuel Thornton.

Chamberlain, J.—The memorial at the rear of the Town Hall bears the following inscription:—

"This memorial is erected in gratitude for public service given to this town by Joseph Chamberlain, who was elected town councillor in November, 1869, Mayor in 1873, and resigned that office in June, 1876, on being returned as one of the representatives of the borough of Birmingham in Parliament, and during whose mayoralty many great works were notably advanced, and mainly by whose ability and devotion the gas and water undertakings were acquired for the town, to the great and lasting benefit of the inhabitants.

The memorial was designed by Mr. J. H. Chamberlain, of the firm of Martin and Chamberlain, and was presented to the town October 26, 1880, during the mayoralty of Mr. Richard Chamberlain. The medallion of the right hon. gentleman is the work of Mr. Thomas Woolner, R.A.

Chamberlain, J. H.—The sum of £2,744 13s. 6d. raised by subscription for the founding of a memorial of the late Mr. John Henry Chamberlain, was given to the Midland Institute, with which the lamented gentleman was so intimately connected.

Dawson.—A public meeting was held Jan. 3, 1877, to decide on a memorial of George Dawson, and the sum of £2,287 13s. 9d. was subscribed for a statue to be erected at the rear of the Town Hall, but it was esteemed so poor

a portrait that after a little while it was removed, in favour of the present statue. A very pleasing bust, which is a very striking likeness and really characteristic portrait was unveiled at the Church of the Saviour, Aug. 8, 1882. It bears the following inscription:—

IN LOVING MEMORY OF
GEORGE DAWSON, M.A.

Coming to this town in the year 1844, he gathered round him a band of followers, who found in his teaching a fervent religious spirit, and a fearless trust in God as our Heavenly Father, in union with an earnest search after truth. To perpetuate such union they built this Church, which he opened August 8, 1847, and in which he ministered until his death. Not in this Church only, but throughout the land did he everywhere teach to nations: that they are exalted by righteousness alone—to men: "To do justly, love mercy, and walk humbly with God."

He was born February 24, 1821, and died November 30, 1876.

"I HAVE FOUGHT THE GOOD FIGHT."

Mr. T. J. Williamson, who executed this bust was entrusted with the order for the new statue.

George IV.—The first bronze statue ever cast in Birmingham was that of George IV., the work of Sir Edward Thomason, in 1823. Sir Edward employed the best of talent and spared no pains to turn out a splendid work of art, but he never found a customer for it. The statue is 6 ft. high, weighing 2½ tons, and costing over £1,500, but was sold in November, 1880, to a gentleman in the neighbourhood for £150, little more than the value of the metal.

Goldsmith.—The statue of Goldsmith, in the hall of the Reference Library, is a plaster cast of the bronze statue manufactured by Messrs. Elkington for the City of Dublin.

Hill.—The sum of £1,500 was raised by public subscription, for the purpose of erecting a statue of Sir Rowland Hill. The work was executed in marble by Mr. P. Hollins, and pending the erection of the new Post Office buildings, the charge of the statue was accepted by the Exchange Build-

ings Committee, September 12, 1870 and remained in the Birmingham Exchange until the year 1874, when it was removed to the position in which it at present stands, in the corner of the principal room of the Post Office, Paradise Street.

Hill, M.D.—A very fine bust of Matthew Davenport Hill, the first Recorder for the borough, is placed in the Art Gallery at the Reference Library.

James.—A bust of the Rev. Angell James may be seen at Aston Hall.

King Edward VI.—When the old Grammar School was taken down the statue of the King, which had stood in its niche in the front of the old building for generations, was broken to pieces on account of so many gentlemen (including governors) wanting it; as all could not have it, it was destroyed!

Mason.—The erection of a statue in his honour as proposed in 1870 not meeting with the approval of Sir Josiah Mason (then Mr.), the Town Council paid Mr. E. G. Papworth, the chosen sculptor, a solatium or honorarium of 150 guineas. The worthy knight not being now alive to veto the project, a figure of him has been placed opposite the College in Edmund Street.

Murdoch.—There is a bust of William Murdoch, the introducer of coal-gas as an illuminant, in Handsworth Church. Another would not be out of place in the new Gas Office.

Nelson.—The bronze statue of Lord Nelson in the Ball Ring was executed by Westmacott, and uncovered June 6, 1809. The artist received £2,500, but the total cost (raised by subscription) with the pedestal, lamps, and palisading, was nearly £3,000. The corner posts are old cannon from the Admiral's ship the Victory.

Peel.—The statue of Sir Robert Peel, near the Town Hall, cost £2,000, and was unveiled August 27, 1855. He faced towards Christ Church at first, and was protected from Tories and Pro-

tectionists by iron railings, until March, 1878, when his bonds were loosed, and he was allowed to look down New Street.

Priestley.—The statue of the discoverer of oxygen, near the Town Hall, was uncovered August 1, 1884. The amount subscribed as a Priestley memorial fund was £1,820, of which £972 went for the philosopher's stone effigy, about £10 for a tablet on the site of his house at Fair Hill, and £653 to the Midland Institute to found a scholarship in chemistry.

Prince Albert and the Queen.—In 1862, after the death of the Prince Consort, a Memorial Committee was formed and a fund raised for a statue, the execution of which was entrusted to Mr. Foley, and it is said to be one of his finest productions. It was placed in the old Art Gallery, and uncovered August 27, 1863. It was in the reading-room at the time of the fire, but fortunately escaped injury. The balance of the fund was deemed sufficient for a companion statue of Her Majesty, and Mr. Foley received the commission for it in 1871. At his death the order was given to Mr. Woolner, who handed over his work to the town in May, 1884, the ceremony of unveiling taking place on the 9th of that month. According to the *Athenæum* it is "one of the finest portrait statues of the English School, combining a severe yet elegant design with execution of the highest kind, every element being thoroughly artistic." Thousands have seen it alongside the Prince's statue in the hall of the Reference Library, but few indeed have been heard to say they like it. Both statues are ultimately intended to be placed in the Council House.

Rogers.—A memorial bust of John Rogers, a native of Deritend, and one of the first martyrs of the Reformation, was unveiled in St. John's, October 29, 1883.

Scholefield.—A bust of William

Scholefield, M.P., for the borough, is at Aston Hall.

Sturge.—The statue and most appropriate memorial of Edmund Sturge, at the Five Ways, which cost about £1,000, was undraped June 4, 1862. Messrs. Bright and Scholefield, M.P.'s, being present.

With a true sorrow that rebuked all feigning,

By lone Edgbaston's side
Stood a great city in the sky's sad reigning
Bareheaded and wet-eyed.

Silent for once the restless hive of labour,
Save the low funeral tread,
Or voice of craftsman whispering to his neighbour
The good deeds of the dead.

Timmins.—An almost life-speaking marble bust of Mr. Sam. Timmins was placed in the Reference Library, April 26, 1876. It was destroyed in the fire, but has been replaced, and few could tell the present bust is not the original one.

Tyndale.—The Londoners have honoured themselves by erecting on the Thames Embankment a statue to the memory of the Reformer Tyndale, whom we have partly to thank for the English version of the Bible. To help pay for their ornament it was decided that the names of all towns subscribing £100 or more should be inscribed on the pedestal, and the Bible-lovers of Birmingham scraped together £86 15s. 3d. for the purpose, leaving the Mayor (Mr. Wm. White) to dip into his own pocket for the remaining £13 4s. 9d.

Unett.—The granite obelisk in St. Philip's churchyard, opposite Temple Street, was erected to the memory of Lieut.-Colonel Unett, who fell at the storming of Sebastopol. It was uncovered June 19, 1857.

Watt.—One of the finest productions of Francis Chantrey, the sculptor, is generally acknowledged to be the monument in Handsworth Church to James Watt, which was placed there in September, 1827. The figure is said to bear a very remarkable resemblance to Mr. Watt, who is represented seated

in a Grecian chair, with compasses and open book, as though tracing on the open page. On the front of the pedestal is inscribed:—

JAMES WATT,
BORN
19 JANUARY,
1736,
DIED
25 AUGUST,
1819,
PATRI OPTIME MERITO.
E. M. P.

The statue in Ratcliffe Place was subscribed for in 1867, and the figure is very like the portrait of Watt. It was unveiled Oct. 2, 1868.

Whateley.—A marble bust (by Peter Hollins) of J. W. Whateley, Esq., M.D., was placed in the Board Room of the General Hospital, June 1, 1877.

Wright.—Mr. John Bright, June 15, 1883, uncovered the statue erected in memory of Mr. J. S. Wright, in front of the Council House. The inscription upon it is as follows:—

"John Skirrow Wright, born February 2, 1822, died April 13, 1880. In memory of the simplicity, kindness, and integrity of his life and of his unselfish, untiring, and patriotic devotion as a public man, this monument is erected by the united gifts of all classes in the town he loved and for which he laboured."

Steam Engines.—The first steam engine (then called a fire engine) used for the purpose of pumping water from coal mines was put up in 1712 by Newcomen and Calley, at a colliery near Wolverhampton, owned by Mr. Back, the ironwork, &c., being made in Birmingham, and taken hence to the pit-head. The first of Watt's engines made at Soho, was to "blow the bellows" at John Wilkinson's ironworks at Broseley, in 1776. Watt's first pumping engine was started at Bloomfield Colliery, March 8, 1776. Having overcome the rotary motion difficulties, Watt applied steam to tilt hammers and rolling mills in 1781, and to corn-grinding mills in 1782; taking out patents in 1784 for the "governor," "parallel motion," &c., including also specifications for a travelling engine,

though it was William Murdoch who first made a practical working model of a locomotive. The first engine worked by steam in this town that we have record of was put up at some works in Water Street, in 1760.

Steamships.—If we do not build steamships in Birmingham, it was James Watt who proposed the use of screw propellers (in 1770); Wm. Murdoch, who invented the oscillating cylinder (in 1785); Watt and Boulton, who furnished engines (in 1807) for the first regular steam packet in America; and James Watt, jun., who made the first steam voyage on the sea (October 14, 1817), crossing the Channel in the *Caledonia*, and taking that vessel up the Rhine.

Stirchley Street, about a mile and a quarter north-east of King's Norton, has a Post Office, a Police Station, a Board School, and a Railway Station. Notwithstanding these signs of modern civilisation, and the near proximity of Cadbury's Cocoa Manufactory, Stirchley Street is, as it has been for many a generation, a favourite country outing place for weary Brums having a chance hour to spend on change of scene.

Stocks.—Putting people in the stocks appears to have been a very ancient mode of punishment, for the Bible tells us that Jeremiah, the prophet, was put in the stocks by Pashur, and the gaoler who had charge of Paul and Silas at Philippi made fast their feet in a similar way. Whether Shakespeare feared the stocks when he refused to go back to "drunken Bidford," after sleeping off the effects of one carouse with the "Sipper's Club" there, is not chroniclel, but that the stocks were not unknown to him is evident by their being introduced on the stage in "King Lear." The *Worcester Journal* of Jan. 19, 1863, informs us that "this old mode of punishment was revived at Stratford-on-Avon, for drunkenness, and a passer-by asking a fellow who was doing penance how he liked it, the reply was—'I beant the first mon as

ever were in the stocks, so I don't care a fardin about it.'" Stocks used to be kept at the Welsh Cross, as well as a pillory; and when the Corporation closed the old prison in High Street, Bordesley, they took over the stocks which formerly stood alongside the whipping-post, on the bank in front of the pre-ent G.W.R. Station. The last date of this punishment being inflicted in this town is 1844, when the stocks were in the yard of the Public Office in Moor Street.

Storms and Tempests.—A great storm arose on Wednesday, November 24, 1703, which lasted three days, increasing in force. The damage, all over the kingdom, was immense; and at no period of English history has it been equalled. 15,000 sheep were drowned in one part of Gloucestershire. We have no record of the immediately local loss.—In a storm on March 9, 1778, the windmill at Holloway Head was struck by lightning, the miller was hurt, and the sails shattered.—January 1, 1779, there was a violent gale, which, while it wrecked over 300 vessels on our coasts did great damage as far inland as Birmingham.—Snowstorms were so heavy on January 23 and 24, 1814, that all communication between here and London was stopped for five days.—There was a strong gale September 26, 1853, during which some damage was done to St. Mary's Church, to the alarm of the congregation therein assembled.—A very heavy storm occurred June 15, 1858, the day after the Queen's visit, lasting for nearly three hours, during which time three inches of rain fell, one half in twenty minutes.—Some property in Lombard Street was destroyed by lightning, June 23, 1861; and parts of Aston, Digbeth, and the Parade were flooded same time.—There was a terrific thunderstorm, August 26, 1867; the rainfall being estimated at seventy-two tons per acre.—During a heavy thunderstorm, June 17, 1875, the lightning set fire to a workshop in

Great Charles Street: killed a woman in Deritend, and fourteen sheep and lambs at Small Heath.—In a heavy gale, January 30, 1877, a chimney stack was blown down in Jennen's Row, killing two men; and a wall was levelled in Harborne Road, on February 20, another poor fellow losing his life.—During the night of August 2 and 3, 1879 (when many parts of the outskirts were flooded in comparatively the shortest time in memory), the residence of W. E. Chance, Esq., Augustus Road, was struck by lightning, and considerable damage done; but no personal injuries were reported.—During the storm of October 14, 1881, much local damage was done, while round Coventry and Tamworth districts many hundreds of trees were broken or uprooted. In Windsor Park, 960 trees were blown down and more than a thousand damaged; 146 shipwrecks occurred on the coasts.—During a gale December 11, 1883, a large stained glass window of St. Philip's Church was shattered; part of a house in Charles Henry Street was blown down, two persons being killed; a child was killed at Erdington, by chimney falling through roof, several persons had limbs fractured, and there was generally a great injury to property.—On Sunday, June 15, 1884, St. Augustine's Church, Hagley Road, and the Congregational Chapel, Francis Road, were struck by lightning during a tempest, and the Chapel was somewhat injured.

Streets.—It is not every street that is a street in Birmingham, for, according to the Post Office Street List, besides a dozen or so to which distinctive names have been given, like Cheapside, Deritend, Digbeth, Highgate, Islington, &c., and 726 streets called Streets, there are in the borough 178 Roads, 86 Lanes, 69 Rows, 19 Squares, 11 Crescents, 2 Quadrants, 5 Arcades, 1 Colonnade, 5 Parades, 484 Terraces, 1,572 Places, 26 Passages, 20 Yards, 47 Courts (named, and twenty times that number numbered), 16

Mounts (twelve of them Pleasant), 24 Hills, 5 Vales, 2 Valleys, 23 Groves, 4 Retreats, 11 Villas, 14 Cottages, 2 Five-Dwelling, 179 Buildings, 14 Chambers, 12 Walks, 4 Drives, 3 Avenues, 5 Gullies, 1 Alley (and that is Needless), 1 Five-Ways, 1 Six-Ways, 6 Greens, 2 Banks, 2 Villages, 3 Heaths, 3 Ends, and 1 No Thoroughfare.

Sultan Divan.—Formerly a questionable place of amusement in Needless Alley, but which was bought for £7,500, and opened by the Young Men's Christian Association, January 7, 1875.

Sunday in Birmingham.—Sunday doglight have been heard of in this town, but it was sixty years ago, when brutal sports of all kinds were more rife than now. Prior to that, however, many attempts were made to keep the Sabbath holy, for we read that in 1797 the heavy wagons then in use for transport of goods were not allowed to pass through the town, the authorities fining all offenders who were so wicked as to use their vehicles on the Lord's Day. The churchwardens were then supported by the inhabitants, who held several public meetings to enforce the proper observance of the day, but there have been many changes since. In January, 1856, a Sunday League, for opening museums, libraries, &c., on the Sabbath, was started here. In the last session of Parliament in 1870, there were eighteen separate petitions presented from this town against opening the British Museum on Sundays. The Reference Library and Art Gallery commenced to be opened on Sundays, April 28, 1872, and they are well frequented. Sunday labour in the local Post Offices was stopped Aug. 10, 1873. In 1879 a society was formed for the purpose of delivering lectures, readings, and addresses of an interesting nature, on the Sunday evenings of the winter season, the Town Hall, Board Schools, and other public buildings being utilised for the purpose

(the first being held in the Bristol Street Schools, Oct. 19, 1879), and very popular have they been, gentlemen of all sects and parties taking part, in the belief that

A Sabbath well spent
Brings a week of content.

In 1883, during an inquiry as to the extent of drunkenness on the Sabbath, it was shown that the county of Warwick (including Birmingham) was remarkably clear, as out of a population of 737,188 there had only been 348 convictions during 1882. For Staffordshire, with a population of 989,385, the convictions were 581. Northumberland, 687 convictions out of 434,074. Durham, 1,015 out of 867,586. Liverpool 1,741 out of 552,425. Manchester, 1,429 out of 341,508.

Sutton Coldfield, on the road to Lichfield, is celebrated even more for its park than its antiquity. The former was left to the town by the Bishop of Exeter (John Hurman), otherwise known as Bishop Vesey, who was a native of Sutton, and whose monument is still to be seen in the old Church. He procured a charter of incorporation in 1528, and also founded the Grammar School, and other endowed charities, such as the Alms-houses, the Poor Maidens' Portions, &c., dying in 1555, in his 103rd year. Thirty years' back, the park contained an area of 2,300 acres, but a small part was sold, and the railways have taken portions, the present extent, park and pools, being estimated at 2,034 acres, the mean level of which is 410 feet above the sea level. A good length of Icknield Street, or the Old Roman Road, is distinctly traceable a cross a portion of the park. King John visited Sutton manor-house in April, 1203. On the 18th of October, 1642, Charles I. reviewed his Staffordshire troops here, prior to the battle of Edgehill, the spot being long known as "The King's Standing." The mill-dams at Sutton burst their banks July 24, 1668, and many houses were swept away. The

population is about 8,000, and the rateable value is put at £59,000, but as, through the attraction of the park, the town is a very popular resort, and is rapidly increasing, it may ultimately become a place of importance, worthy of municipal honours, which are even now being sought. The number of visitors to the park in the Whit-week of 1882, was 19,549; same week in 1883, it was 11,378; in 1884, it was 17,486; of whom 14,000 went on the Monday.

Taxes.—Would life be worth living if we had to pay such taxes as our fathers had to do? Here are a few:—The hearth or chimney tax of 2s. for every fire-place or stove in houses rated above 20s. per annum was imposed in the fifteenth year of Charles II.'s reign, but repealed in the first year of William and Mary, 1689; the owners of Edgbaston Hall paid for 22 chimneys before it was destroyed in 1668. In 1642, there was a duty of £4 a pair on silk stockings. A window tax was enacted in 1695 "to pay for the re-coinage of the gold coin," and was not entirely removed till July 24, 1851; from a return made to Parliament by the Tax Office in 1781, it appeared that the occupiers of 2,291 houses paid the window tax in Birmingham; there was collected for house and window tax in 1823, from the inhabitants of this town, the sum of £27,459 12s. 1½d., though in the following year it was £9,000 less. Bachelors and widowers were rated by 6 and 7 William III., c. 6, "to enable the King to carry on the war against France with rigour." Births, marriages, and deaths were also made liable to duties by the same Act. The salt duties were first levied in 1702, doubled in 1732, and raised again in 1782, ceasing to be gathered in 1825. The price of salt at one period of the long Peninsular war rose to £30 per ton, being retailed in Birmingham at 41. per lb. Carriages were taxed in 1747. Armorial bearings in 1798. Receipts for money and promissory

notes were first taxed in 1782. Hair powder tax, of 21s. per annum, was first levied in 1795. In 1827, there was a 1s. 3d. duty on almanacks. The 3s. advertisement duty was reduced to 1. 6d. in 1833, and abolished August 4, 1853. The paper duty, first put on in 1694, was repealed in 1861; that on bricks taken off in 1850; on soap in 1853; on sugar in May, 1874, and on horses the same year. Hats, gloves, and linen shirts were taxed in 1785; patent medicines, compound waters, and codfish, in 1783; in fact every article of food, drink, and clothing required by man from the moment of his birth until his burial, the very shroud, the land he trod on, the house he lived in, the materials for building, have all been taxed. For coming into the world, for living in it, and for going out of it, have Englishmen had to pay, even though they grumbled. Now-a-days, the country's taxes are few in number, and per head are but small in amount, yet the grumbling and the growling is as heavy as of old. *Can it arise from the pressure of our local rates?* Where our fathers paid 20s. to the Government, we do not pay 5s.; but where the old people gave 5s. in rates, we have to part with 25s.

Telegraphs.—The cable for the first Atlantic telegraph was made here. Its length was 2,300 nautical miles, and it required 690,000 lbs. of copper in addition to the iron wire forming the strand, of which latter there was about 16,000 miles' length. The first time the "Queen's Speech" was transmitted to this town by the electric telegraph was on Tuesday, November 30, 1847, the time occupied being an hour and a half. The charge for sending a message of 20 words from here to London, in 1848, was 6s. 6d. The Sub-Marine Telegraph Co. laid their wires through Birmingham in June and July, 1853.

Temperance.—There appears to have been a sort of a kind of a temper-

ance movement here in 1788, for the Magistrates, at their sitting August 21, strongly protested against the increase of dram-drinking; but they went on granting licenses, though. Father Matthew's first visit was September 10, 1813; J. B. Gough's, September 21, 1853; Mr. Booth's, in May, 1882. The first local society for inculcating principles of temperance dates from September 1, 1830; U.K. Alliance organised a branch here in February, 1855; the first Templars' Lodge was opened September 8, 1863; the Royal Crusaders banded together in the summer of 1881; and the Blue Ribbons were introduced in May, 1882. This novelty in dress ornamentation was adopted (so they said) by over 40,000 inhabitants, but at the end of twelve months the count was reduced to 8,000, including Sunday School children, popular parsons, maidens looking for husbands, old maids who had lost their chances, and the unco' guid people, who, having lost their own tastes, would fain keep others from their cakes and ale.

Temple Row.—A "paroch meeting" in 1715 ordered the purchase of land for a passage way out of Bull Street to St. Philip's Church. It was not until 1842 when part of the Royal Hotel stables were taken down, that it was made its present width. In 1837 the churchyard had some pleasant walks along the sides, bounded by a low wooden fence, and skirted with trees.

Temple Street takes its name from the old summer arbour, wittily called "the Temple," which once stood in a garden where now Temple Row joins the street. An advertisement in *Gazette* of December 5, 1743, announced a house for sale, in Temple Street, having a garden twelve yards wide by fifty yards long, adjoining the fields, and with a prospect of four miles distance.

Theatrical Jottings.—What accommodation, if any, was provided

here for "their majesties' servants," the playactors, in the times of Queen Anne and her successor, George I., is not known, but as Hutton tells us that in 1730 the amusements of the stage *rose* in elegance so far that threepenny performances were given "in a stable in Castle Street," we may be sure the position held by members of the profession was not very high in the estimation of our townsfolk previous to that period. Indeed, it would almost seem as if the acting of plays was quite an innovation at the time named, and one that met with approval, for shortly after we read of there being theatres in Smallbrook Street, in New Street, and "a new theatre" in Moor Street. The first-named closed in 1749 or 1750; the second is *supposed* to have been on the site of the present Theatre Royal, but it could not have been a building of much importance as we find no note of it after 1744; the third, built in 1739, was taken possession of by the disciples of Wesley, and on March 21, 1764, was opened as a chapel. Previous to the last event, however, another theatre had been erected (in 1752) in King Street, leading out of New Street, near to the Free School, which, being enlarged in 1774, is described by Hutton as having few equals. In this year also (1774) the Theatre Royal was erected (at a cost of nearly £5,700) though the latter half of its title was not assumed until August, 1807, on the occasion of the Royal assent being given to the house being "licensed." A bill had been introduced into the House of Commons for this purpose on the 26th of March, 1777, during the debate on which Burke called Birmingham "the great toyshop of Europe," but it was thrown out on the second reading. The King Street Theatre, like its predecessor in Moor Street, after a time of struggle, was turned into a place of worship in 1786, a fate which, at a later date, also befell another place of public entertainment, the Circus, in Bradford Street, and the

theatrical history of the town, for a long term of years centred round the Theatre Royal, though now and then spasmodic attempts were made to localise amusements more or less of a similar nature. One of these, and the earliest, was peculiarly unfortunate; early in 1778 a wooden pavilion, known as the "Concert Booth," was erected in the Moseley Road, dramatic performances being *given* between the first and last parts of a vocal and instrumental concert, but some mischievous or malicious incendiary set fire to the building, which was burnt to the ground Aug. 13 of the same year. Four years later, and nearly at the same date (Aug. 17) the Theatre in New Street met with a like fate, the only portion of it left being the stone front (added in 1780) which is still the same, fortunately coming almost as safely through the next conflagration. The proprietors cleared away the ruins, and erected a more commodious structure, which, under the management of Mr. William Macready, was opened June 22, 1795. In the meantime, the King Street Theatre having been chapelised, the town appears to have been without any recognised place for dramatic entertainments other than those provided in the large rooms of the hotels, or the occasional use of a grammar transmogrified for the nonce into a Thepian arena. On the night of the 6th of January, 1820, after the performance of "Pizarro," the Theatre Royal was again burnt out, but, possibly from having their property insured up to £7,000, the proprietors were not so long in having it rebuilt, the doors of the new house being opened on following Aug. 14. This is, practically, the same building as the present, which has seats for about 3,500, the gallery holding 1,000. Many of the first artists of the profession have trod the boards of the Old Theatre since the last-named date, and Birmingham has cause to be proud of more than one of her children, who, starting thence, have found name and fame elsewhere. The scope of the

present work will not allow of anything more than a few brief notes, and those entirely of local bearing, but a history of the Birmingham stage would not be uninteresting reading.

A wooden building in Moor Street, formerly a circus, was licensed March, 19, 1861; closed in 1863, and cleared off the ground in 1865.

Theatrical performances were licensed in Bingley Hall in 1854.

The Prince of Wales Theatre, previously Broad Street Music Hall, was opened in 1862. It was reconstructed in 1876, and has accommodation for an audience of 3,200.

The Holte Theatre was opened May 12, 1879, the license to the Lower Grounds Co. being granted November 29, 1878.

The last new Theatre, the Grand, in Corporation Street, must rank as one of the handsomest edifices in the town. It faces what was once the Old Square, and has a frontage of 120ft., the height to the cornice of the roof being 52ft., the whole being capped with a dome, supporting a winged figure of Aurora, which, drawn in a car by prancing horses, is 15ft. high. The interior is laid out in the most improved modern style, ornately decorated throughout, and provides accommodation for over 3,000 persons. The cost is put at £30,000, of which £17,000 went to the builders alone, and the theatre is the property of Mr. A. Melville. The opening day was Nov. 14th, 1883.

The "Interlude of Deritend Wake, with the representation of a Bull-baiting" was part of the performance announced at the King street Theatre, May 31, 1783.

Mrs. Sarah Siddons, whose *début* in London the previous season had been anything but successful, came to Birmingham for the summer season of 1776. Henderson, one of her colleagues here, notwithstanding the Drury Lane veto, declared that she was "an actress who never had an equal nor would ever have a superior"—an opinion quickly verified.

One of Kean's benefits was a total failure. In the last scene of the play "A New Way to Pay Old Debts," wherein allusion is made to the marriage of a lady, "Take her," said Kean, "and the Birmingham audience into the bargain."

Garriek was visiting Lord Lytton at Hagley on one occasion when news was brought that a company of players were going to perform at Birmingham. His lordship suggested that Garriek should write an address to the audience for the players. "Suppose, then," said he, "I begin thus:

"Ye sons of iron, copper, brass and steel,
Who have not heads to think, nor hearts
to feel."

"Oh," cried his lordship, "if you begin like that, they will hiss the players off the stage, and pull the house down." "My lord," replied Garriek, "what is the use of an address if it does not come home to the business and bosoms of the audience?"

A "Birmingham Garriek," was the name given to an actor named Henderson (1782), whose friends did not think him quite so great a tragedian as he fancied himself.

Kemble made his last appearance on the Birmingham stage July 9, 1788.

Robinson Crusoe, or Harlequin Friday, was the pantomime in 1790.

Madame Catalini first appeared at Royal in 1807.

Incedon, the famous tenor, sang here first time in same year.

William Charles Macready made his *début* on the stage of the Royal as *Romeo*, June 7, 1810. He took his farewell benefit Aug. 13, 1871.

Alfred Bunn had the Theatre in 1823, during which year there appeared here Mr. and Mrs. C. Kemble, W. C. Macready, Joey Grimaldi, Miss Ellen Tree (afterwards Mrs. Charles Kean), W. Farrer, Braham, Elliston, Dowton, Rignold and Power.

Barry Sullivan was born here in 1824.

In 1824 the whole town was up in arms taking part in the "Battle of

the Preachers and the Players," which was commenced by the Rev. J. Angell James delivering a series of sermons bitterly inveighing against the theatre as a place of amusement, and pouring forth the most awful denunciations against the frequenters thereof. Alfred Bunn, the manager, was not slow to retort. He put "The Hypocrite" on the boards, Shuter, the clever comedian and mimic, personating Mr. James in the part of *Mawworm* so cleverly that the piece had an immense run. The battle ended in a victory for both sides, chapel and theatre alike being exhumed. If it pleased the godly it was a god-send for Bunn whose exchequer it filled to repletion.

Signor Costa was at the Festival in 1829, and he afterwards appeared on the stage at the Royal.

Pagmini first fiddled at the Royal, January 22, 1832.

Sheridan Knowles, Macready, Pagani, Matthews, and Miss Ellen Tree were among the Stars at the Royal in 1833.

Mercer H. Simpson took the management of the Royal in 1838. His farewell benefit was on December 16, 1864, and he died March 2, 1877, aged 76.

Sims Reeves' first visit to this town was in May, 1843; his last appearance at the Festivals was in 1873; at the Royal in May, 1875, and at the Town Hall, March 25, 1884.

Jenny Lind first sang here Aug. 29, 1847; she sang for the Queen's Hospital at Town Hall, Dec. 28, 1848; her last concerts were Jan. 22-23, 1862.

Madle. Rachael first played here Aug. 19, 1847.

Charles Dickens and his amateur friends gave their special performances in aid of the Shakespeare House Fund, at the Royal, June 6 and 27, 1848, the receipts amounting to £589.

Variety was not wanting at our New Street Theatre in 1852. Among the artistes advertised to appear were: A strong Man who had 5 cwt. of stone broken (by a sledge hammer) on his chest

nightly; performing Dogs and Horses; Madame Gristi, Signor Mario, Haymarket Company, Benjamin Webster, and Madame Celeste, etc., etc.

Miss Monkton, the female *Mozzetta*, appeared at Prince of Wales', May 15, 1865, and at the Royal in Nov. 1867.

Miss Neilson's first appearance here was in Nov. 1868, in an adaptation, by Mr. C. Williams, a local dramatist, of Miss Braddon's "Captain of the Vulture."

Mr. Irving first appeared as *Hamlet* in this town at Prince of Wales', Dec., 1877.

Sarah Bernhardt was at Prince of Wales', July 4-6, 1881.

Kyrle Bellew last appeared here at Prince of Wales', Sept. 17, 1881.

Mrs. Langtry was at Prince of Wales', May 29, 1882.

Edwin Booth's first appearance here was at the Royal, as *Richard III.*, Dec. 11, 1882.

Bobby Atkins, whose real name was Edward, was the most popular comedian of the Royal, with which he had been connected for more than twenty-five years. He died in 1882, in his 64th year. His bosom friend, John Barton, made his exit from the world's stage April 16, 1875.

Mr. George Rignold's mother is stated by Mr. Thomas Swinbourne (himself a native) to have been a leading actress of the Theatre Royal and very popular, as indeed she would necessarily be, her *role* of parts including *Hamlet* and *Virginians*. The father was, says Mr. S., "an admirable terpsichorean artist," and George inherits the talents of both parents, with a dash of music besides, for, like *William*, in 'Black-eyed Susan,' he 'plays on the fiddle like on angel.'

Two or three of our places of amusement have been turned into chapels permanently, and therefore it was hardly a novelty to hold "Gospel services" in the Prince of Wales's Theatre, October 3, 1875, but it was to their credit that "the gods" behaved themselves.

Time.—When it is exactly twelve at noon here in Birmingham, it is 7min. 33secs. past at Greenwich, 12min. 50secs. past at Dover, and 16min. 54secs. past at Paris; while it wants $1\frac{1}{2}$ mins. to the hour at Manchester, 9 $\frac{1}{2}$ min. at Glasgow, 17min. 50secs. at Dublin, and 26 $\frac{1}{2}$ mins. at Cork. At Calcutta, the corresponding time would be 6.1 $\frac{1}{2}$ p.m., Canton 7.40 p.m., Japan 9.15 p.m., Mexico 5.34 a.m., New Orleans 8.5 a.m., New York 7.11 a.m., New Zealand 11.45 p.m., Nova Scotia 7.55 a.m., San Francisco 4.5 a.m., St., Petersburg 2.10 p.m., Sydney 10.12 p.m., and at Washington just seven o'clock in the morning.

Tithes. — One hundred and fifty years ago (if not considerably later) the Rector of St. Martin's was paid tithes in cash based on the value of the crops, &c., one acre of good wheat being tithed at 7s. 6d.; an acre of good barley at 4s. 4 $\frac{1}{2}$ d.; an acre of flax and hemp, if pulled, at 5s.; an acre of good oats, peas, or potatoes, and all kinds of garden stuff at 3s. 9d.; for meadow land 4d. an acre, and 2d. for leasow (or leasland); 3d. being claimed for cow and her calf, 1 $\frac{1}{2}$ d. for each lamb, &c. In course of time these payments were changed into a fixed tithe rent,* but before matters were comfortably settled, the Rector found it necessary to give notice (April, 1814) that he should enforce the ancient custom of being paid "in kind." The gun trade was brisk at that time, but whether the reverend gentleman took his tenths of the guns, what he did with them, or how the parties came to terms is not recorded.—The tithes formerly due in kind to the Vicar of Edgbaston were commuted by Act passed June 8, 1821, into an annual "corn rent," payable by the occupiers of all kinds in the parish.

Tower.—Originally, all guns made here for Government, had to be put together in London, but when the French Revolution broke out, it was seen that a quicker mode of procedure

was necessary, and an establishment in Bagot Street was erected in 1798, where all guns for Government were viewed and stamped with the "Tower" mark. Hence the name.

Town Criers were first appointed in 1526. Jacob Wilson entered into office May 4, 1853, and was pensioned off with 15s. a week in August, 1879, after a family tenure of the office, according to Jacob, of about 350 years. Surely it was a crying shame to stop the children of that family from crying in the future. The last of the criers did not last long after deposition from office, Jacob's last words being uttered in 1881.

Town Improvements. — Some fifty and odd years ago Dobbs, a local comedian, used to sing,

"Brumagem has altered so,
There's scarce a place in it I know;
Round the town you now must go
To find old Brumagem."

Had he lived till these days he might well have sung so, for improvements are being carried out so rapidly now that in another generation it is likely old Birmingham will have been improved off the face of the earth altogether. Prior to the days of steam, our forefathers went about their work more leisurely, for it was not until 1765 that the Act was obtained for the "enlightening" of the streets, and four years later when the first Act was passed (April 21, 1769) for street improvements. The Street Commissioners appointed by this Act, and who held their first meeting May 22, 1769, for many years did little more than regulate the traffic of the streets, keep them cleanish, and look after the watchmen. In course of time the operations of the said Commissioners were extended a little, and it is to them that we owe the existence of the central open space so long known as the Bull Ring, for they gave £1,730, in 1801, for the removal of nine tenements there and then blocking the way. Money must have been of more value then than now, for if such a purchase was neces-

sary at the present date one or two more figures would require being added to the amount. This town improvement was completed in 1806, when the Commissioners purchased the remaining houses and shops round St. Martin's, but property owners had evidently learned something during the five years, for whereas the Commissioners at first estimated the further cost at £10,957, they reluctantly had to provide no less than £22,266, the additional sum required being swallowed up by "incidental expenses." The poet already quoted had apparently been absent during these alterations, for he wailingly bemoaned—

"Poor old Spicel Street half gone,
The poor old Church stands all alone,
And poor old I can only groan,
That I can't find Brumagem."

Though an Improvement Act for Duddeston and Nechells was obtained in 1829, the town improvements for the next forty years consisted principally of road making, street paving, market arranging, &c., the opening-up ideas not getting well-rooted in the minds of our governors until some time after the Town Council began to rule the roost. That a great deal of work *was* being done, however, is shown by reference to the Borough accounts for 1840, in which year £17,366 was expended in lighting, watching, and otherwise improving the thoroughfares, in addition to £13,794 actually spent on the highways. 1852 saw the removal of the turnpikes, at a cost of over £3,200; in the same year £5,800 was expended in widening the entrance to Temple Row from Bull Street, and £1,800 for rounding off the corner of Steelhouse Lane and Snow Hill. In October, 1853, it was decided to obtain for £33,000 the 11,540 square yards of land at the corner of Ann Street and Congreve Street, where the Municipal Buildings, Art Gallery, and new Gas Office now stand. Almost every year since has seen the purchase of properties more or less required for substantial

improvements, though some of them may not even yet have been utilised. A few fancy prices might be named which have had to be paid for old bits of property here and there, but about the dearest of all was £53 10s. per yard, which the Council paid (in 1864) for the land required to round off the corner of New Street and Worcester Street, a further £1,300 going, in 1873, to extinguish certain leasehold rights. This is by no means the highest figure given for land in the centre of the town, as Mr. John Feeley, in 1882, paid at the rate of £66 per yard for the site at corner of Cannon Street and New Street, the portion retained for his own use costing him even more than that, as he generously allowed the Corporation to take 30½ yards for £1,000. The introduction of the railways, and consequent obliteration of scores of old streets, courts, alleys, and passages, has been of vast service towards the general improvement of the town, as well in the matter of health and sanitation, as leading to the construction of many new buildings and the formation of adequate approaches to the several railway stations, the erection of such establishments as the Queen's Hotel, the Great Western Hotel, &c. Nor have private property owners and speculators been at all backward, as evidenced by our magnificent modern banking establishments, the huge piles of commercial buildings in Colmore Row, New Street, and Corporation Street, the handsome shops in New Street, High Street, and Bull Street, with many other edifices that our grandfathers never dreamed of, such as the Midland, the Grand, and the Stork Hotels, the palatial Club Houses, the Colonnade and Arcades, New Theatres, Inns of Court, &c., &c. Many of these improvements have resulted from the falling-in of long leases on the Colmore, the Grammar School, and other estates, while others have been the outcome of a far-seeing policy on the part of such moneyed men as the late Sir Josiah Mason, Isaac Hor-

ton, and others of somewhat similar calibre. Going away from the immediate centre of the town architectural improvements will be noted on all hands, Snow Hill, for one place, being evidently in the regenerative throes of a new birth, with its Gothic Arcade opposite the railway station, and the new arcades at the foot of the hill, where for so many long years there has been nothing but a wreck and a ruin. In close neighbourhood, Constitution Hill, Hampton Street, and at the junction of Summer Lane, a number of handsome houses and shops have lately been erected by Mr. Cornelius Ede, in the early Gothic style, from designs by Mr. J. S. Davis the architect of the Snow Hill Arcade, the whole unquestionably forming a very great advance on many former street improvements. The formation in 1880 of John Bright Street as an extension of the Bristol Road (cost £30,000) has led to the erection of many fine buildings in that direction; the opening-out of Meetinghouse Yard and the alterations in Floodgate Street (in 1879, at a cost of £13,500), has done much for that neighbourhood; the widening of Worcester Street and the formation of Station Street, &c., thanks to the enlargement of the Central Station, and the remodelling of all the thoroughfares in the vicinity of Navigation Street and Worcester Wharf, also arising therefrom, are important schemes now in progress in the same direction; and in fact there is hardly any district within the borough boundaries in which improvements of more or less consequence are not being made, or have been planned, the gloomy old barren grounds having been turned into pleasant gardens at a cost of over £10,000, and even the dirty water-courses known as the river Rea and Hoekley brook have had £12,000 worth of cleaning out bestowed upon them. It is not too much to say that millions have been spent in improving Birmingham during the past fifty years, not reckoning the

cost of the last and greatest improvement of all—the making of Corporation Street, and the consequent alterations on our local maps resulting therefrom. The adoption of the Artizans' Dwelling Act, under the provisions of which the Birmingham Improvement Scheme has been carried out, was approved by the Town Council, on the 16th of October, 1875. Then, on the 15th of March, 1876, followed the Local Government Board enquiry; and on the 17th of June, 1876, the provisional order of the Board, approving the scheme, was issued. The Confirming Act received the Royal assent on the 15th of August, 1876. On the 6th of September, 1880, a modifying order was obtained, with respect to the inclusion of certain properties and the exclusion of others. The operations under the scheme began in August, 1878, when the houses in New Street were pulled down. In April, 1879, by the removal of the Union Hotel, the street was continued into Cherry Street; and further extensions have been made in the following order:—Cherry Street to Bull Street, August 1881; the Priory to John Street, June 1881; Bull Street to the Priory, January, 1882; John Street to Aston Street, February, 1882. Little Cannon Street was formed in August 1881; and Cowper Street in January, 1881. The first lease of land in the area of the scheme—to the Women's Hospital—was agreed upon in January, 1876; and the first lease in Corporation Street—to Mr. J. W. Daniell—was arranged in May, 1878. In July, 1879, a lease was agreed upon for the new County Court. The arbitrations in the purchase of properties under the scheme were begun in June, 1879, and in June, 1880, Sir Henry Hunt, the arbitrator nominated by the Local Government Board, made his first award, amounting to £270,405, the remainder of the properties having been bought by agreement. The loans borrowed on account of the scheme amount to £1,600,000, the

yearly charge on the rates being over £20,000 per annum, but as the largest proportion of the property is let upon 75-year leases, this charge will, in time, not only be reduced yearly by the increase of ground-rents, as the main and branch streets are filled up, but ultimately be altogether extinguished, the town coming in for a magnificent income derived from its own property. The length of Corporation Street from New Street to Lancaster Street is 851 yards, and if ultimately completed (as at first intended) from Lancaster Street to Aston Road, the total length will be 1,484 yards or five-sixths of a mile. The total area of land purchased for the carrying-out of the scheme is put at 215,317 square yds. (about 44a. 1r. 38p.), of which quantity 39,250 square yards has been laid out in new streets, or the widening of old ones. Of the branch or connecting streets intended there is one (from Corporation Street to the corner of High Street and Bull Street, opposite Dale End), that cannot be made for several years, some valuable leases not expiring until 1890 and 1893, but, judging by the present rate of building, Corporation Street itself will be completed long before then. More than a score of the unhealthiest streets and lanes in the town have been cleared away, and from a sanitary point of view the improvement in health and saving of life in the district by the letting in of light and air, has been of the most satisfactory character, but though the scheme was originated under the Artisans' Dwelling Act, intended to provide good and healthy residences in lieu of the pestiferous slums and back courts, it cannot in one sense be considered much of a success. The number of artisans' dwellings required was 1,335, about 550 of which were removed altogether, the rest being improved and relet, or converted into shops, warehouses, &c. A piece of land between Newtown Row and Summer Lane, containing an area of 14,250 square yards was purchased

for the purpose of leasing for the erection of artisans' dwellings, and a 50ft. wide street was laid out and nicely planted with trees, but, owing either to the badness of trade, or the over-building of small houses in other parts previously, less than a sixth of the site has been taken, and but a score of houses built, a most wonderful contrast to the rapid filling of Corporation Street with its many magnificent edifices present and prospective, that promise to make it one of the finest streets in the provinces. There cannot, however, be such necessity for the erection of small houses as was imagined when the Act was adopted here, for according to a return lately obtained, and not reckoning the thousands of little domiciles on the outskirts, there are in the borough 4,445 houses usually let at weekly rentals up to 2s. 6d. per week, 24,692 the rentals of which are between 2s. 6d. and 3s. 6d., and 36,832 others between 3s. 6d. and 7s. per week, a total of 65,969 working men's houses, but of which 5,273 (taking one week with another) are always void.

Toyshop of Europe.—It was during the debate in the House of Commons (March 26, 1777) on the first reading of a Bill to license the Theatre in Birmingham, that Mr. Burke, who spoke in its favour, described this town as "the great toyshop of Europe." At that time, and for long afterwards, hundreds of articles of utility manufactured here were roughly classed as "light steel toys," and "heavy steel toys;" though we should hardly now be likely to consider tinder boxes, steelyards, pokers, fire-shovels and tongs as playthings.

Trade Notes of the Past.—Foreigners were not allowed to carry on any retail trade here before 1663. The Brums never liked them. An official document of 1695, states that the trade of the town was "chiefly in steel, iron, and other ponderous com-

modities." In 1702 it was enacted that if brass, copper, latten, bell-metal, gun-metal, or shruff-metal be carried beyond sea, clean or mixed, double the value thereof to be forfeited, tin and lead only excepted. An Act was passed March 20, 1716, prohibiting trade with Sweden, much to the inconvenience of our local manufacturers, who imported Swedish iron for conversion into steel in large quantities. The Act 1 Geo. I., c. 27 (1720), forbidding the *exportation* of artizans to foreign countries was not repealed till 1825 (5 Geo. IV., c. 97). In April, 1729, our manufacturers petitioned that the colonists in America should be encouraged to send pig iron over here; ten years previously they bitterly opposed the idea; ten years later they repented, for their American cousins filled our warehouses with their manufactured goods. In 1752 it was stated that above 20,000 hands were employed here in "useful manufactures." In 1785 a reward of fifty guineas was offered here for the conviction of any person "enticing workmen to go to foreign countries;" the penalty for such "enticing" being a fine of £100 and three months' imprisonment.

Trade Societies and Trades' Unions are of modern growth, unless we count the old-style combinations of the masters to prevent their workmen emigrating, or the still more ancient Guilds and Fraternities existing in mediæval times. There are in all, 177 different Trades' Unions in the country (coming under the notice of the Registrar-General), and most of them have branches in this town and neighbourhood. The majority have sick and benefit funds connected with them, and so far should be classed among Friendly, Benevolent, or Philanthropic Societies, but some few are plainly and simply trade associations to keep up prices, to prevent interference with their presumed rights, to repress attacks by the avoidance of superabun-

dant labour, and to generally protect members when wrongfully treated, cheated or choused. Prior to 1834, when some 20,000 persons assembled on Newhall Hill, March 31) to protest against the conviction of Dorset labourers for trades' unionism, few of these societies were locally in existence; but the advent of Free Trade seems to have shown all classes of workers the necessity of protecting their individual interests by means of a system of Protection very similar, though on smaller scale, to that abolished by Sir Robert Peel and his friends. That there was a necessity for such trade societies was clearly shown by the harsh manner in which they were denounced by John Bright at a Town Hall banquet, held April 28, 1875, that gentleman evidently demurring to the anomaly of working men being Protectionists of any kind. Foremost among the local unions is the National Society of Amalgamated Brassworkers, originated April 18, 1872, with over 5,000 members now on its books, having in its first eight years subscribed and paid to members out of employ no less than £29,000. — The Builders' Labourers combined in 1861, and pay out yearly over £200 for sick and funeral benefits. — The National Association of Master Builders was organised here on Dec. 18, 1877. — The Butcher's Trade and Benevolent Association, organised in 1877, helps its members in case of need, keeps a sharp look out when new Cattle Markets, &c., are proposed, and provides a jury to help the magistrates in any doubtful case of "scrag-mag," wherein horse-flesh, donkey meat, and other niceties have been tendered to the public as human food. — The "gentlemen" belonging to the fraternity of accountants met on April 20, 1882, to form a local Institute of Chartered Accountants, and their clients know the result by the extra charges of the chartered ones. — The Clerks' Provident Association provides a register for good clerks out of employ for the use of

employers who may want them, and, of course, there can be no good clerks out of employ except those who belong to the Association. It was commenced in 1883, from a philanthropic feeling, but must rank among trade societies as much as many others.—The Coal Merchants and Consumers' Association, for regulating the traffic charges, and otherwise protecting the trade (especially the sellers) was organised in 1869.—The Dairymen and Milk-sellers' Protection Society came into existence April 2, 1884, and is intended to protect the dealers against the encroachments of the Birmingham Dairy Company, and all customers from the cows with wooden udders or iron teats.—The Dentists in May, 1883, held the first meeting of the Midland Odontological Society, but it is not expected that the people at large will be entirely protected from toothache earlier than the first centenary of the Society.—The Institution of Mechanical Engineers was formed early in 1847.—The Amalgamated Society of Engineers dates half-a-century back, its 430 branches having collectively about 50,000 members, with a reserve fund of £178,000, though the expenditure in 1883 was £124,000 out of an income of £134,000. Locally, there are three branches, with 765 members, having balances in hand of £2,075; the expenditure in 1883 being £680 to men out of work £585 to sick members, £390 to the superannuated, £171 for funerals, and £70 in benevolent gifts.—The Birmingham and Midland Counties Grocers' Protection and Benevolent Association, started in 1871, has a long name and covers a considerable area. It was designed to make provision for the wives and families of unfortunate members of the trade when in distress; to defend actions brought against them under the Adulteration Acts; and most especially to protect themselves from the encroachments of the merchants, importers, and manufacturers, who do not always deliver 112lbs. to the cwt. or keep to sample.—

The Licensed Victuallers first clubbed together for protection in 1824, and the Retail Brewers and Dealers in Wine followed suit in 1845, both societies spending considerable sums yearly in relief for decayed members of the trade, the Licensed Victuallers having also a residential Asylum for a number of their aged members or their widows in Bristol Road.—The journeymen printers opened a branch of the Provincial Typographical Association Oct. 12, 1861, though there was a society here previously.—The first local union we find record of was among the knights of the thimble, the tailors striking for an increase in wages in 1833; a branch of the Amalgamated Society of Tailors has lately been organised.—In 1866 a general Trades' Council was formed, which utilises by combined action the powers of the whole in aid of any single society which may stand in need of help.

Trades and Manufactures.--

There are no published returns of any kind that have ever been issued by which more than a guess can be made at the real value of the trade of Birmingham, which varies considerably at times. At the present moment (March, 1885) trade is in a *very* depressed state, and it would hardly be correct to give the exact figures, were it even possible to obtain them, and any statistics that may appear in the following lines must be taken as showing an average based upon several years. Speaking at a council meeting, February 19, 1878, Mr. Alderman Joseph Chamberlain said the best way to ascertain the trade of the town was to take the local bank returns and the railway traffic "in" and "out," so far as the same could be ascertained. The deposits in all the banks that published returns were, at the end of 1877, £10,142,936, as against £10,564,255 in the previous year—a falling off of £421,312, or 4 percent. With regard to bills of exchange held by the banks, the amount was £3,311,744, against £3,605,067 in

the previous year—a falling off of £293,323, or 8 per cent. The amount of the advances, however, was £6,041,075, as against £5,570,920 in the previous year—an increase of £470,155, or $8\frac{1}{2}$ per cent. With regard to the trade of the town, by the courtesy of the managers of the respective companies, he was able to give the numbers of tons of goods, of coals, and other minerals, the loads of cattle, and the number of passengers. The tons of goods were 973,611, as against 950,042 in 1876—an increase of 23,569 tons, or about $2\frac{1}{2}$ per cent. The tons of coal were 566,535, against 575,904—a falling off of 9,372 tons, or $1\frac{1}{2}$ per cent. The other minerals were 119,583 tons, against 100,187—an increase of 19,369, or 19 per cent. The loads of cattle were 22,462 last year, against 19,157 in the previous year—an increase of 3,305 loads, 17 per cent. These were the returns of the “in” and “out” traffic. The number of passengers was 5,787,616 in 1877, against 5,606,331—an increase of 181,285, or about $3\frac{1}{4}$ per cent. So far as the traffic went, as they had been led to expect from the Board of Trade returns, there had been an increase of business, but a decrease of profits; and as to the decrease of profits he had some figures which showed that the profits of trade for the parish of Birmingham for the year ending April 1, 1877, were £3,969,000; and of the preceding year £4,292,000—a falling off of £323,000, or a trifle over 8 per cent. These figures of Mr. Chamberlain’s may be accepted as representing the present state, the increase in numbers and consequent addition to the traffic “in” being balanced by the lesser quantity of goods sent out, though it is questionable whether the profits of trade now reach £3,000,000 per year. Notwithstanding the adverse times the failures have rather decreased than otherwise, there being 13 bankruptcies and 313 arrangements by composition in 1883 against 14 and 324 respectively in 1882. To get at the number of

tradesmen, &c., is almost as difficult a to find out the value of their trade, but a comparison at dates fifty years apart will be interesting as showing the increase that has taken place in that period. A Directory of 1824 gave a list of 141 different trades and the names of 4,980 tradesmen; a similar work published in 1874 made 745 trades, with 33,462 tradesmen. To furnish a list of all the branches of trade now carried on and the numbers engaged therein would fill many pages, but a summary will be found under “*Population*,” and for fuller particulars the reader must go to the Census Tables for 1881, which may be seen at the Reference Library. The variety of articles made in this town is simply incalculable, for the old saying that anything, from a needle to a ship’s anchor, could be obtained in Edgbaston Street is really not far from the truth, our manufacturers including the makers of almost everything that human beings require, be it artificial eyes and limbs, ammunition, or armour; beads, buttons, bedsteads, or buckles; cocoa, candlesticks, corkscrews, or coffee-pots; door bolts, dessert forks, dog collars, or dish covers; edge tools, earrings, engines, or eyeglasses; fire irons, fiddle-bows, frying pans, or fishhooks; gold chains, gas fittings, glass toys, or gun barrels; hairpins, harness, handcuffs, or hurdles; ironwork, isinglass, inkstands, or incense burners; jewellery, javelins, jews’ hairs, or baby jumpers; kettles, kitchen ranges, knife boards, or knuckle dusters; lifting-jacks, leg irons, latches, or lanterns; magnets, mangles, medals, or matches; nails, needles, nickel, or nutcrackers; organ pipes, optics, oilcans, or ornaments; pins, pens, pickle forks, pistols, or boarding-pikes; quart cups, quoits, quadrats, or queeriosities; rings, rasps, rifles, or railway cars; spades, spectacles, saddlery, or sealing wax; thermometers, thimbles, toothpicks, or treacle taps; umbrellas or upholstery; ventilators, vices, varnish,

or vinegar; watches, wheelbarrows, weighing machines, or water closets. A Londoner who took stock of our manufactories a little while back, received information that led him to say, a week's work in Birmingham comprises, among its various results, the fabrication of 14 000 000 pens, 6,000 bedsteads, 7,000 guns, 300,000,000 cut nails, 100,000,000 buttons, 1,000 saddles, 5,000,000 copper or bronze coins, 20,000 pairs of spectacles, 6 tons of papier-mache wares, over £20,000 worth of gold and silver jewellery, nearly an equal value of gilt and cheap ornaments, £12,000 worth of electro plated wares, 4,000 miles of iron and steel wire, 10 tons of pins, 5 tons of hairpins and hooks and eyes, 130,000 gross of wood screws, 500 tons of nuts and screw-bolts and spikes, 50 tons of wrought iron hinges, 350 miles' length of wax for vestas, 40 tons of refined metal, 40 tons of German silver, 1,000 dozen of fenders, 3,500 bellows, 800 tons of brass and copper wares. Several of these items are rather over the mark, but the aggregate only shows about one half a real week's work, as turned out when trade is good.

Agricultural Implements, such as draining tools, digging and manure forks, hay knives, scythes, shovels, spades, &c., as well as mowing machines, garden and farm rollers, ploughs, harrows, &c., are the specialties of some half-dozen firms, the oldest-established being Messrs. Mapplebeck and Lowe, opposite Smithfield Market.

American Traders.—It has been stated that there is not a *bona fide* American trader residing amongst us, though at one time they were almost as numerous as the Germans now are. Be that as it may, the following statistics, giving the declared value of exports from Birmingham to America during the ten years ending Sept. 30, 1882, (taken from a report made by the American Consul-General in London), show that a vast trade is still being carried on with our friends on the

other side of the Atlantic:—Year ending September 30: 1873, 7,463,185 dols.; 1874, 5,778,957 dols.; 1875, 4,791,231 dols.; 1876, 3,135,234 dols.; 1877, 2,842,871 dols.; 1878, 2,309,513 dols.; 1879, 2,435,271 dols.; 1880, 4,920,433 dols.; 1881, 4,376,611 dols.; 1882, 5,178,118 dols. Total, 43,231,429 dols.

Ammunition.—To manufacture ammunition for guns and pistols so long made here by the scores of thousands would seem but the natural sequence, but though percussion caps were yearly sent from here in millions of grosses, the manufacture of the complete cartridge is a business of later growth. For the invention of gunpowder the world had to thank a monk, and it is no less curious that we owe percussion caps to the scientific genius of another Churchman, the first patent for their construction being taken out by the Rev. Mr. Forsyth in 1807. They were very little thought of for long after Waterloo, and not introduced into "the service" until 1839, several foreign armies being supplied with them before the War Office allowed them to be used by "Tommy Atkins" with his "Brown Bess." A machine for making percussion caps was patented by John Abraham in 1864. The manufacture of such articles at all times involves several dangerous processes, and Birmingham has had to mourn the loss of many of her children through accidents arising therefrom. (See "*Explosions*.") The ammunition works of Messrs. Kynoch and Co., at Witton, cover over twenty acres, and gives employment to several hundred persons, the contrariness of human nature being exemplified in the fact that the death-dealing articles are mainly manufactured by females, the future mothers or wives perchance of men to be laid low by the use of such things. The plant is capable of turning out 500,000 cartridges per day, as was done during the Turkish war, and it takes 50 tons of rolled brass, 100 tons of lead, and 20 tons of gunpowder

weekly to keep the factory fully going, all kinds of ammunition for rifles and machine guns being made on the premises. Other extensive works are those of the Birmingham Small Arms and Metal Co., at Adierley Park Mills, and the National Arms and Ammunition Co., at Small Heath, and Perry Barr.

Artificial Eyes and Limbs are necessary articles to some members of the genus *homo*, but the demand, fortunately, is not of such an extensive character as to require many manufacturers; indeed, the only firm in Birmingham that devotes itself entirely to supplying artificial limbs is that of Messrs. Best and Son, Summer Lane, whose specialities in the way of arms and legs are famed in all English and Continental medical circles as wonderful examples of the peculiar mechanism requisite to successfully imitate the motions and powers of natural limbs. There are half-a-dozen makers of "eyes," human and otherwise, the chief being Messrs. Pache and Son, Bristol Street, and Mr. Edward Hooper, Suffolk Street, who hold the almost unique position of being the sole known makers of artificial human eyes anywhere. Few people would imagine it, but it is said that there are at least 1,500 persons in Birmingham who carry glass eyes in their head; while the demand from foreign countries is something enormous, the United States taking the lead as they fain would do in everything. But there is no part of the civilised world, from Spitzbergen to Timbuctoo, where Birmingham-made eyes are not to be seen, even the callous "heathen Chinese" buying them in large quantities. Naturalists and taxidermists find here eyes to match those of any creature that has lived and breathed, and "doll's eyes" are made by the ton.

Bedsteads, Metallic.—The making of iron and brass bedsteads, as a staple trade, dates only from the accession of Her Majesty; but, unlike that august personage, they were a long time be-

fore they were appreciated as they deserved to be, for, in 1850, there were only four or five manufacturers in the town, and their output did not reach 500 a week. Now, about 1,800 hands are employed in the trade, and the annual value of the work sent out cannot be less than £200,000.

Boilermaking—The making of iron boilers, gasholders, sugar-boilers, &c., may be dated as a special trade from about 1831, when 30 men and boys were employed thereat, turning out about 150 tons yearly; in 1860, about 200 hands turned out 1,000 tons; in 1880 the workers were roughly estimated at 750 to 800 and the output at 4,500 tons.

Booksellers.—In 1750, there were but three, Aris, Warren, and Wollaston: now the booksellers, publishers, and wholesale stationers are over a hundred, while small shops may be counted to treble the number.

Boots and Shoes are manufactured by about 40 wholesale houses, several doing a great trade, and of retailers and little men there are a dozen gross, not counting cobblers who come with the last. American-made articles were first on sale here in March 1877. Rivetted boots may be said to have originated (in 1840) through the mistake of a local factor's traveller, who booked an order for copper sprigs too extensive for his customer. Another of the firm's commercials suggested the rivetting if iron lasts were used. A Leicester man, in a small way, took up the notion, and made a fortune at it, the real inventor only getting good orders. Ellis's patent boot studs to save the sole, and the Euknemida, or concave-convex fastening springs, are the latest novelties.

Brass.—The making of goods in brass was commenced here about 1668, but the manufacturer of brass itself was not carried on before 1740, when Mr. Turner built his works in Coleshill Street. The Brass and Spelter Co. was started in February 1781, with a capital of £20,000 in £100 shares. Brasshouse

Passage, Broad Street, tells of the site of another smelting place, the last chimney of which was demolished on January 27, 1866. The Waterworks Co. bought the site for offices. Stamped brass came in through Richard Ford in 1769, and the process at first was confined to the manufacture of small basins and pans, but in a very few years it was adapted to the production of an infinitude of articles. Pressed brass rack pulleys for window blinds were the invention of Thomas Ho ne, in 1823, who applied the process of pressure to many other articles. Picture frames, nicely moulded in brass, were made here in 1825, by a modeller named Maurice Garvey. In 1865 it was estimated that the quantities of metal used here in the manufacture of brass were 19,000 tons of copper, 8,000 tons of old metal, 11,000 tons of zinc or spelter, 200 tons of tin, and 100 tons of lead, the total value being £2 371,658. Nearly double this quantity is now used every year. The number of hands employed in the brass trade is about 18,000.

Buckles were first worn as shoe fastenings in the reign of Charles II. When in fashion they were made of all sizes and all prices, from the tiny half-inch on the hatband to the huge shoebuckle for the foot, and varying from a few pence in price to many guineas the pair. The extent of the manufactures at one time may be guessed from the fact of there being over 20,000 buckle makers out of employ in 1791-2, when vain petitions were made to the royal princes to stem the change then taking place in the "fashions." Sir Edward Thomason said his father in 1780 made 1,000 pair per day, mostly of white metal, but some few plated; by one pattern, known as the "silver penny," he cleared a profit of £1,000. The introduction of shoestrings, and naturally so, was much ridiculed in our local papers, and on one occasion was made the pretext for a disgraceful riot, the pickpockets mobbing the gentlemen

going to and from one of the Musical Festivals, the wearers of shoestrings being hustled about and robbed of their purses and watches.

Buttons.—The earliest record of button-making we have is dated 1689, but Mr. Baddeley (inventor of the oval chuck), who retired from business about 1732, is the earliest local manufacturer we read of as doing largely in the trade, though sixty or seventy years ago there were four or five times as many in the business as at present, blue coats and gilt buttons being in fashion. By an Act passed in the 4th of William and Mary foreign buttons made of hair were forbidden to be imported. By another Act in the 8th of Queen Anne it was decreed that "any taylor or other person convicted of making, covering, selling, using, or setting on to a garment any buttons covered with cloth, or other stuff of which garments are made, shall forfeit five pounds for every dozen of such buttons, or in proportion for any lesser quantity;" by an Act of the seventh of George the First, "any wearer of such unlawful buttons is liable to the penalty of forty shillings per dozen, and in proportion for any lesser quantity." Several cases are on record in which tradesmen have been heavily fined under these strange laws, and before they were repealed it is related by Dr. Doran (in 1855) that one individual not only got out of paying for a suit of clothes because of the illegality of the tailor in using covered buttons, but actually sued the unfortunate "snip" for the informer's share of the penalties, the funniest part of the tale being that the judge who decided the case, the barrister who pleaded the statute, and the client who gained the clothes he ought to have paid for, were all of them buttoned contrary to law. These Acts were originally enforced to protect the many thousands who at the time were employed in making buttons of silk, thread, &c., by hand, and *not*, as is generally supposed, in favour of the metal button manu-

facturers, though on April 4, 1791, Thomas Gem, the solicitor to the committee for the protection of the button trade, advertised a reward for any information against the wearers of the unlawful covered buttons. The "gilt button days" of Birmingham was a time of rare prosperity, and dire was the distress when, like the old buckles, the fashion of wearing the gilt on the blue went out. Deputations to royalty had no effect in staying the change, and thousands were thrown on the parish. It was sought to revive the old style in 1850, when a deputation of button makers solicited Prince Albert to patronise the metallic buttons for gentl men's coats, but Fashion's fitt was not to be gainsayed. John Taylor, High Sheriff of Warwickshire in 1756, is said to have sent out about £800 worth of buttons per week. Papier maché buttons came in with Henry Clay's patent in 1778. He also made buttons of slate. Boulton, of Soho, was the first to bring out steel buttons with facets, and it is said that for some of superior design he received as much as 140 guineas per gross. Horn buttons, though more correctly speaking they should have been called "hoof" buttons, were a great trade at one time, selling in 1801 as low as 5½d. per gross. "Maltese buttons" (glass beads mounted in metal) were, in 1812, made here in large quantities, as were also the "Bath metal drilled shank button" of which 20,000 gross per week were sent out, and a fancy cut white metal button, in making which 40 to 50 firms were engaged, each employing 20 to 40 hands, but the whole trade in these specialities was lost in consequence of a few men being enticed to or imprisoned in France, and there establishing a rival manufacture. Flexible shanks were patented in 1825 by B. Sanders. Fancy silk buttons, with worked figured tops, were patented by Wm. Elliott, in 1837. Porcelain buttons, though not made here, were designed and patented by a Birming-

ham man, R. Prosser, in 1841. The three-fold linen button was the invention of Humphrey Jeffries, in 1841, and patented by John Aston. In 1864 so great was the demand for these articles that one firm is said to have used up 63,000 yards of cloth and 34 tons of metal in making them. Cadbury and Green's "very" button is an improvement on these. Vegetable ivory, the product of a tree growing in Central America and known as the Corozo palm, was brought into the button trade about 1857. The shells used in the manufacture of pearl buttons are brought from many parts of the world, the principal places being the East Indies, the Red Sea, the Persian Gulf, the islands of the Pacific Ocean, Panama, and the coasts of Central America, Australia, New Zealand, &c. The prices of "shell" vary very much, some not being worth more than £20 per ton, while as high as £160 to £170 has been paid for some few choice samples brought from Macassar, a seaport in India. The average import of shell is about 1,000 tons per year, and the value about £30,000.—There are 265 button manufacturers in Birmingham, of whom 152 make pearl buttons, 26 glass, 8 horn and bone, 14 ivory, 12 gilt metal, 3 wood, and 5 linen, the other 45 being of a mixed or general character, silver, brass, steel, wood, and papier maché, being all, more or less, used. Nearly 6,000 hands are employed in the trade, of whom about 1,700 are in the pearl line, though that branch is not so prosperous as it was a few years back.

Chemical Manufactures.—About 50,000 tons of soda, soap, bleaching powder, oil of vitriol, muriatic acid, sulphuric acid, &c., are manufactured in or near Birmingham, every year, more than 20,000 tons of salt, 20,000 tons of pyrites, and 60,000 tons of coal being used in the process.

China, in the shape of knobs, &c., was introduced into the brass founding trade by Harcourt Bros. in 1844. China bowls or wheels for castors were first used in 1849 by J. B. Geithner

Chlorine.—James Watt was one of the first to introduce the use of chlorine as a bleaching agent.

Citric Acid.—Messrs. Sturge have over sixty years been manufacturing this pleasant and useful commodity at their works in Wheeley's Lane. The acid is extracted from the juice of the citron, the lime, and the lemon, fruits grown in Sicily and the West Indies. The Mountserratt Lime-Juice Cordial, lately brought into the market, is also made from these fruits. About 350 tons of the acid, which is used in some dying processes, &c., is sent out annually.

Coins, Tokens, and Medals.—Let other towns and cities claim pre-eminence for what they may, few will deny Birmingham's right to stand high in the list of money-making places. At what date it acquired its evil renown for the manufacture of base coin it would be hard to tell, but it must have been long prior to the Revolution of 1688, as in some verses printed in 1682, respecting the Shaftesbury medal, it is thus sneeringly alluded to:

'The wretch that stamped got immortal fame,
'Twas coined by stealth, like groats in Birminghame."

Smiles, in his lives of Boulton and Watt, referring to the middle of the last century, says, "One of the grimmest sights of those days were the skeletons of convicted coiners dangling from gibbets on Handsworth Heath." Coining was a capital offence for hundreds of years, but more poor wretches paid the penalty of their crimes in London in a single year than here in a century, wicked as the bad boys of Brummagem were. An immense trade was certainly done in the way of manufacturing "tokens," but comparatively few counterfeits of the legal currency were issued, except in cases where "a royal patent" had been granted for the purpose, as in the instance of the historical "Wood's

half-pence," £100,000 worth (nominal) of which, it is said, were issued for circulation in Ireland. These were called in, as being too bad, even for Paddy's land, and probably it was some of these that the hawker, arrested here Oct. 31, 1733, offered to take in payment for his goods. He was released on consenting to the £7 worth he had received being cut by a brazier and sold as metal, and his advertisements (hand bills) burnt. These bad half pence weighed about 66 to the lb., 2s. 6d. worth (nominal) being somewhat less than 10d. in value. In the ten years prior to 1797 it has been estimated that 700 tons of copper were manufactured here into tokens, and the issue of the celebrated Soho pence, providing the nation with a sufficiency of legitimate copper coin, did not stay the work, the number of tokens in circulation in the early part of the present century being something wonderful, as many as 4,000 different varieties having been described by collectors, including all denominations, from the Bank of England's silver dollar to a country huckster's brass farthing. More than nine-tenths of these were made in Birmingham, and, of course, our tradesmen were not backward with their own specimens. The Overseers issued the well-known "Workhouse Penny," a copper threepenny piece, silver shillings and sixpences, paper notes for 2s. 6d., and leather bonds for 5s. With the exception of the penny these are all scarce now, particularly the 5s., 2s. 6d., and 6d., a specimen of the latter lately being sold at auction for 47s. In 1812 Sir Edward Thomason struck, for a Reading banker (Mr. J. B. Monk), 800 gold tokens of the nominal value of 40s. each; but this was just a step too far, and the Government forbade their use. In the same year he also manufactured two million penny tokens for our soldiers in Spain, which were *not* forbidden. The permitted manufacture of token money came to an end with the year 1817, an Act coming into force

Jan. 1, 1818, forbidding further issue from that date, or the circulation of them after the end of the year, except in the case of the Overseers of Birmingham, who were granted grace till Lady-day, 1820, to call in what they had issued. In 1786 Boulton struck over 100 tons of copper for the East India Co., and, adding to his presses yearly, soon had plenty of orders, including copper for the American Colonies, silver for Sierra Leone, and a beautiful set for the French Republic. To enumerate all the various coins, medals, and tokens issued from Soho would take too much space, but we may say that he brought the art of coining to a perfection very little surpassed even in the present day. In 1789 he made for the Privy Council a model penny, halfpenny, and farthing, but red-tapeism delayed the order until 1797, when he began coining for the Government twopennies (only for one year), pennies, halfpennies and farthings continuing to do so until 1806, by which time he had sent out not less than 4,200 tons weight. In this coinage of 1797 the penny was made of the exact weight of 1 oz., the other coins being in proportion. In 1799, eighteen pennies were struck out of the pound of metal, but the people thought they were counterfeit, and would not take them until a proclamation ordering their circulation, was issued December 9th. They became used to a depreciation of currency after that, and there was but very little grumbling in 1805, when Boulton was ordered to divide the pound of copper into 24 pennies. The machinery of Boulton's mint, with the collection of dies, pattern coins, tokens, and medals, were sold by auction in 1850. The collection should have numbered 119 different pieces, but there was not a complete set for sale. The mint, however, could not be called extinct, as Messrs. Watt and Co. (successors to Bolton and Watt), who had removed to Smethwick in 1848, struck over 3,300 tons of copper

and bronze coin between 1860 and 1866, mostly for Foreign countries. The first English copper penny (1797) was struck in Birmingham, and so was the last. Messrs. Ralph Heaton and Son (the mint, Warstone Lane) receiving the contract in April, 1853, for 500 tons of copper coin, comprising pence, half-pence, farthings, half-farthings, and quarter-farthings. The present bronze coinage came into use December 1st, 1860, and Messrs. Heaton have had several contracts therefor since then. This firm has acquired a reputation quite equal to the Soho Mint, and have supplied the coins—silver, copper, and bronze—for Belgium, Canada, China, Chili, Denmark, Germany, Hayti, India, Republic of Columbia, Sarawak, Sweden, Tunis, Turkey, Tuscany, Venezuela, and other Principalities and States, including hundreds of tons of silver blanks for our own Government and others, sending workmen and machinery to the countries where it was preferred to have the coins struck at home. Boulton, in his day, supplied the presses and machinery for the Mint on Tower Hill (and they are still in use), as well as for the Danish, Spanish, and Russian authorities, Mexico, Calcutta, Bombay, &c. Messrs. Heaton, and the modern Soho firm, also dealing in such articles. Foremost among modern local medallists, is Mr. Joseph Moore, of Pitsford Street, whose cabinet of specimens is most extensive. An effort is being made to gather for the new Museum and Art Gallery a collection of all coins, medals, and tokens struck in Birmingham, and if it can be perfected it will necessarily be a very valuable one.

Coal.—Over half-a-million tons of coal are used in Birmingham annually.

Cocoa.—The manufacture of cocoa cannot be classed among the staple trades of the town, but one of the largest establishments of the kind in the kingdom, if not in the world, is that of Messrs. Cadbury, at Bournville, where nearly 400 persons are employed,

The annual consumption of cocoa in this country is estimated at 12,000,000 lbs., and the proportion manufactured by Messrs. Cadbury, who have houses in Paris, Sydney, Melbourne, Montreal, &c., may be guessed at from the fact that their works cover nearly four acres, and packing-boxes are required at the rate of 12,000 per week.

Copying Presses were invented by James Watt in, and patented in, May, 1780. His partner, Boulton, had a lot ready for the market, and sold 150 by the end of the year.

Compressed Air Power.—A hundred years ago every little brook and stream-let was utilised for producing the power required by our local mill-owners, gun-barrel rollers, &c. Then came the world's revolutioniser, steam, and no place in the universe has profited more by its introduction than this town. Gas engines are now popular, and even water engines are not unknown, while the motive power derivable from electricity is the next and greatest boon promised to us. Meanwhile, the introduction of compressed air as a means of transmitting power for long distances marks a new and important era, not only in engineering science, but in furthering the extension of hundreds of those small industries, which have made Birmingham so famous a workshop. In the Birmingham Compressed Air Power Company's Bill (passed March 12, 1884), the principle involved is the economic utility of centralising the production of power, and many engineers are of opinion that no other means can possibly be found so convenient as the use of compressed air in transmitting motive power, or at so low a cost, the saving being quite 20 per cent. compared with the use of steam for small engines. The Birmingham Bill provides for the supply of compressed air within the wards of St. Bartholomew, St. Martin, Deritend, and Bordesley, which have been selected by the promoters as affording

the most promising area. In the three wards named there were rated in March of 1883, as many as 164 engines, of which the nominal horse-power varied from $\frac{1}{2}$ to 10, fifty-nine from 11 to 20, fifteen from 21 to 30, six from 32 to 50, ten from 52 to 100, and four from 102 to 289. Assuming that of these the engines up to 30-horse power would alone be likely to use compressed air, the promoters count upon a demand in the three wards for 1,943 nominal, and perhaps 3,000 indicated horse-power. To this must be added an allowance for the probability that the existence of so cheap and convenient a power "laid on" in the streets will attract other manufacturers to the area within which it is to be available. It is proposed, therefore, to provide machinery and plant capable of delivering 5,000 indicated horse-power in compressed air, and to acquire for the works sufficient land to permit of their dimensions being doubled when extension shall become necessary. The site which has been chosen is a piece of ground belonging to the Birmingham and Warwick Canal Company, and situated by the canal, and bounded on both sides by Sampson Road North and Henley Street. Here the promoters are putting down four air-compressing engines, driven by compound condensing steam engines and which are to be heated by six sets (four in each set) of elephant boilers. From the delivery branches of the air-compressors a main 30in. in diameter will be laid along Henley Street, and, bifurcating, will be taken through Sampson Road North and Stratford Street at a diameter of 24in. The mains will then divide, so as to pass down Sandy Lane, Fazeley Street, Floodgate Street, Bradford Street, Bromsgrove Street, and other thoroughfares, giving off smaller branches at frequent intervals, and so forming an elaborate network. The whole cost of buildings, plant, and construction is estimated at £140,500, but upon this large outlay it is hoped to realise a net annual profit of £9,161,

or $6\frac{1}{2}$ per cent. on capital. The engineers, reckoning the annual cost of producing small steam power in Birmingham at £10 per indicated horsepower, which will probably be regarded as well within the mark, propose to furnish compressed air at £8 per annum, and if they succeed in carrying out the scheme as planned, it will without doubt be one of the greatest blessings ever conferred on the smaller class of our town's manufacturers.

Fenders and Fircrofts.—The making of these finds work for 800 or 900 hands, and stove grates (a trade introduced from Sheffield about 20 years back) almost as many.

Files and Rasps are manufactured by 60 firms, whose total product, though perhaps not equal to the Sheffield output, is far from inconsiderable. Machines for cutting files and rasps were patented by Mr. Shilton, Dartmouth Street, in 1833.

Fox, Henderson and Co—In March, 1853, this firm employed more than 3,000 hands, the average weekly consumption of iron being over 1,000 tons. Among the orders then in hand were the ironwork for our Central Railway Station, and for the terminus at Paddington, in addition to gasometers, &c., for Lima, rails, wagons and wheels for a 55-mile line in Denmark, and the removal and re-election of the Crystal Palace at Sydenham.—See "*Exhibitions*," "*Noteworthy men*."

Galvanised Buckets and other articles are freely made, but the galvanisers can hardly be pleasant neighbours, as at the works of one firm 40 to 50 carboys of muriatic acid and several of sulphuric acid are used every day, while at another place the weekly consumption of chemicals runs to two tons of oil of vitriol and seven tons of muriatic acid.

German Silver.—To imitate closely as possible the precious metals, by a mixture of baser ones, is not exactly a Birmingham invention, as proved by the occasional discovery of counterfeit coin of very ancient date, but to get

the best possible alloy sufficiently malleable for general use has always been a local desideratum. Alloys of copper with tin, spelter or zinc were used here in 1795, and the term "German" was applied to the best of these mixtures as a Jacobinical sneer at the pretentious appellation of silver given it by its maker. After the introduction of nickel from the mines in Saxony, the words "German silver" became truthfully appropriate as applied to that metal, but so habituated have the trade and the public become to rassy mixtures that German silver must always be understood as of that class only.

Glass.—The art of painting, &c., on glass was brought to great perfection by Francis Eginton, of the Soho Works, in 1784. He supplied windows for St. George's Chapel, Windsor, Salisbury and Lichfield Cathedrals, and many country churches. The east window of St. Paul's, Birmingham, and the east window of the south aisle in Aston Church, are by Eginton. One of the commissions he obtained was from the celebrated William Beckford, Lord Mayor of London, for windows at Fonthill, to the value of £12,000. He was not, however, the first local artist of the kind, for a Birmingham man is said to have painted a window in Hagley Church, in 1756-57, for Lord Lyttelton, though his name is not now known. William Raphael Eginton (son of Francis) appeared in the Directory of 1818, as a glass-painter to the Princess Charlotte, but we can find no trace of his work. Robert Henderson started in the same line about 1820, and specimens of his work may be seen in Trinity Chapel; he died in 1848. John Hardman began in Paradise Street about 1837, afterwards removing to Great Charles Street, and thence to Newhall Hill, from which place much valuable work has been issued, as the world-known name well testifies. Engraving on glass is almost as old as the introduction of glass itself. There

is a beautiful specimen in the Art Gallery. Glass flowers, fruit, &c., as ornamental adjuncts to brassfoundry, must be accredited to W. C. Aitken, who first used them in 1846. American writers claim that the first pressed glass tumbler was made about 40 years back in that country, by a carpenter. We have good authority for stating that the first pressed tumbler was made in this country by Rice Harris, Birmingham, as far back as 1834. But some years earlier than this dishes had been pressed by Thomas Hawkes and Co., of Dudley, and by Bacchus and Green, of Birmingham. No doubt the earliest pressing was the old square feet to goblets, ales, jellies, &c. Primitive it was, but like Watt's first engine, it was the starting point, and Birmingham is entitled to the credit of it. It is very remarkable that none of the samples of Venetian glass show any pressing, although moulding was brought by them to great perfection. It would not be fair to omit the name of the first mould-maker who made the tumbler-mould in question. It was Mr. James Stevens, then of Camden Street, Birmingham, and it is to him, and his sons, James and William, that the world is greatly indebted for the pressing of glass. The older Stevens has been dead some years, and the sons have left the trade. Previous to this mould being made for tumblers, Mr. James Stevens made some pressed salt-moulds to order for an American gentleman visiting Birmingham. Some of the most beautiful works in glass fountains, candelabra, &c., that the world has ever seen have been made at Messrs. Oslers, Broad Street, whose show rooms are always open to visitors.

Guns.—The imitative, if not inventive, powers of our forefathers have been shown in so many instances, that it is not surprising we have no absolute record of the first gun-maker, when he lived, or where he worked, but we may be confident that firearms were not long in use before they were

manufactured here. The men who made 15,000 swords for the Commonwealth were not likely to go far for the "musquets" with which they opposed Prince Rupert. The honour of procuring the first Government contract for guns rests with Sir Richard Newdigate, one of the members for the county in William III.'s reign, a trial order being given in 1692, followed by a contract for 2,400 in 1693, at 17/- each. For the next hundred years the trade progressed until the Government, in 1798, found it necessary to erect "view-rooms" (now "the Tower," Bagot Street) in Birmingham. From 1804 to 1817 the number of muskets, rifles, carbines, and pistols made here for the Government, amounted to 1,827,889, in addition to 3,037,644 barrels and 2,879,203 locks sent to be "set up" in London, and more than 1,000,000 supplied to the East India Co. In the ten years ending 1861 (including the Crimean War) over 4,000,000 military barrels were proved in this town, and it has been estimated that during the American civil war our quarrelling cousins were supplied with 800,000 weapons from our workshops. Gunstocks are chiefly made from beech and walnut, the latter for military and best work, the other being used principally for the African trade, wherein the prices have ranged as low as 6s. 6d. per gun! Walnut wood is nearly all imported, Germany and Italy being the principal markets;—during the Crimean war one of our manufacturers set up sawmills at Turin, and it is stated that before he closed them he had used up nearly 10,000 trees, averaging not more than thirty gunstocks from each. To give anything like a history of the expansion of, and changes in, the gun trade during the last fifteen years, would require a volume devoted solely to the subject, but it may not be uninteresting to enumerate the manifold branches into which the trade has been divided—till late years most of them being carried

on under different roofs :—The first portion, or “makers,” include—stock-makers, barrel welders, borers, grinders, filers, and breech-ers; rib makers, breech forgers and stampers; lock forgers, machiners, and filers; furniture forgers, casters, and filers; rod forgers, grinders, polishers, and finishers; bayonet forgers, socket and ring stampers, grinders, polishers, machiners, hardeners, and filers; hand forgers, stampers, machiners, filers, and pin makers; sight stampers, machiners, jointers, and filers; trigger boxes, oddwork makers, &c. The “settlers up” include machiners, jiggers (lump filers and break-off fitters), stockers, percussioners, screwers, strippers, barrel borers and riflers, sighters and sight-adjusters, smoothers, finishers makers-off, polishers, engravers, browners, lock freeers, &c., &c. The Proof-house in Panbury Street, “established for public safety” as the inscription over the entrance says, was erected in 1813, and with the exception of one in London is the only building of the kind in England. It is under the management of an independent corporation elected by and from members of the gun trade, more than half-a-million of barrels being proved within its walls yearly. the report for the year 1883 showing 383,735 provisional proofs, and 297,704 definitive proofs. Of the barrels subjected to provisional proof, 29,794 were best birding single, 150,176 best birding double, and 160,441 African. Of those proved definitively, 63,197 were best double birding barrels, 110,369 breech-loading birding, 37,171 breech-loading choke bore, and 54,297 saddle-pistol barrels. As an instance of the changes going on in the trades of the country, and as a contrast to the above figures, Birmingham formerly supplying nearly every firearm sold in England or exported from it, trade returns show that in 1882 Belgium imported 252,850 guns and pistols, France 48,496, the United States 15,785, Holland 84,126, Italy 155,985, making

(with 3,411 from other countries) 560,653 firearms, valued at £124,813, rather a serious loss to the gun trade of Birmingham.

Handcuffs and Leg Irons.—It is likely enough true that prior to the abolition of slavery shackles and chains were made here for use in the horrible traffic; but it was then a legal trade, and possibly the articles were classed as “heavy steel toys,” like the handcuffs and leg irons made by several firms now. A very heavy Australian order for these last named was executed here in 1853, and there is always a small demand for them.

Hinges.—Cast-iron hinges, secret joint, were patented in 1775 by Messrs. Izon and Whitehurst, who afterwards removed to West Bromwich. The patent wrought iron hinge dates from 1840, since which year many improvements have been made in the manufacture of iron, brass, wire, cast, wrought, pressed, and welded hinges, the makers numbering over three score.

Hollow-ware.—The invention of tinning iron pots and other hollow-ware was patented in 1779 by Jonathan Taylor, the process being first carried out by Messrs. Izon and Whitehurst at their foundry in Duke Street. The enamelling of hollow-ware was Mr. Hickling's patent (1799), but his method was not very satisfactory, the present mode of enamelling dating from another patent taken out in 1839. Messrs. Griffiths and Browett, Bradford Street, have the lion's share of the local trade, which is carried on to a much greater extent at Wolverhampton than here.

Hydraulic Machinery is the specialite almost solely of Messrs. Tangye Bros., who established their Cornwall Works in 1855.

Jewellery.—A deputation from Birmingham waited upon Prince Albert, May 28, 1845, at Buckingham Palace, for the purpose of appealing to Her Majesty, through His Royal Highness, to take into gracious consideration the then depressed condition of the opera

tive jewellers of Birmingham, and entreating the Queen and Prince to set the example of wearing British jewellery on such occasions and to such an extent as might meet the royal approval. The deputation took with them as presents for the Queen, an armlet, a brooch, a pair of ear-rings, and a buckle for the waist; for the Prince Consort a watch-chain, seal, and key, the value of the whole being over 400 guineas. The armlet (described by good judges as the most splendid thing ever produced in the town) brooch, ear-rings, chain and key were made by Mr. Thomas Aston, Regent's Place; the buckle and seal (designed from the Warwick vase) by Mr. Baleny, St. Paul's Square. It was stated by the deputation that 5,000 families were dependent on the jewellery trades in Birmingham. The "custom of trade" in connection with jewellers and the public was formerly of the most arbitrary character, so much so indeed that at the Great Exhibition of 1851, the Birmingham jewellers did not exhibit, except through the London houses they were in the habit of supplying, and the specimens shewn by these middlemen were of a very unsatisfactory character as regards design. It is almost impossible to describe them without appearing to exaggerate. Construction in relation to use went for nothing. A group of Louis Quatorze scrolls put together to form something like a brooch with a pin at the back to fasten it to the dress, which it rather disfigured than adorned; heavy chain-like bracelet, pins, studs, &c., of the most hideous conceits imaginable, characterised the jewellery designs of Birmingham until about 1854-55, when a little more intelligence and enterprise was introduced, and our manufacturers learned that work well designed sold even better than the old-styled ugliness. A great advance has taken place during the past thirty years, and Birmingham jewellers now stand foremost in all matters of taste and design, the work-

men of to-day ranking as artists indeed, even the commonest gilt jewellery turned out by them now being of high-class design and frequently of most elaborate workmanship. At the present time (March 1885) the trade is in a very depressed condition, thousands of hands being out of employ or on short time, partly arising, no doubt, from one of those "changes of fashion" which at several periods of our local history have brought disaster to many of our industrial branches. It has been estimated that not more than one-half of the silver jewellery manufactured in Birmingham in 1883, passed through the Assay Office, but the total received there in the twelve months ending June 24th, 1883, amounted to no less than 856,180 ounces, or 31 tons 17 cwt. 4 lbs. 4 oz., the gold wares received during same period weighing 92,195 ounces, or 3 tons 7 cwt. 12 lbs. 3 oz., the total number of articles sent in for assaying being 2,649,379. The directory of 1780 gave the names of twenty-six jewellers; that of 1880 gives nearly 700, including cognate trades. The fashion of wearing long silver guard-chains came in in about 1806, the long gold ones dating a score years later, heavy fob chains then going out. The yearly make of wedding rings in Birmingham is put at 5,000 dozen. Precious stones are not to be included in the list of locally manufactured articles, nor yet "Paris pastes," though very many thousands of pounds worth are used up every year, and those anxious to become possessed of such glittering trifles will find dealers here who can supply them with pearls from 6d., garnets from 2d., opals from 1s., diamonds, rubies, emeralds, amethysts, &c., from half-a-crown, the prices of all running up according to size, &c., to hundreds of pounds per stone.

Latten, the term given to thin sheets of brass, was formerly applied to sheets of tinued iron.

Lockmakers are not so numerous here as they once were, though several well-

known patentees still have their works in the borough. The general trade centres round Willenhall, Walsall, and Wolverhampton.

Looking-glasses.—Messrs. Hawkes's, Bromsgrove Street, is the largest looking-glass manufactory in the world, more than 300 hands being employed on the premises. A fire which took place Jan. 8, 1879, destroyed nearly £12,000 worth of stock, the turnout of the establishment comprising all classes of mirrors, from those at 2. a dozen to £40 or £50 each.

Mediæval Metalwork.—Mr. John Hardman, who had Pugin for his friend, was the first to introduce the manufacture of mediæval and ecclesiastical metal work in this town, opening his first factory in Great Charles Street in 1845. The exhibits at the old Bingley Hall in 1849 attracted great attention and each national Exhibition since has added to the triumphs of the firm. Messrs. Jones and Willis also take high rank.

Mercuric, an instrument for marking time," was invented by Mr. W. Heaton, a local musician, about 1817.

Mineral Waters.—The oldest local establishment for the manufacture of aerated artificial and mineral waters is that of Messrs. James Goffe and Son, of Duke Street, the present proprietors of the artesian well in Allison Street. This well was formed some years ago by Mr. Clark, a London engineer, who had undertaken a Corporation contract connected with the sewers. Finding himself embarrassed with the flow of water from the many springs about Park Street and Digbeth, he leased a small plot of land and formed a bore-hole, or artesian well, to check the percolation into his sewerage works. After boring about 400 feet he reached a main spring in the red sandstone formation which gives a constant flow of the purest water, winter and summer, of over 70,000 gals. per day, at the uniform temperature of 50 deg. The bore is only 4 in. diameter, and is doubly tubed the whole depth, the water rising into

a 12ft. brick well, from which a 4,000 gallon tank is daily filled, the remainder passing through a fountain and down to the sewers as waste. Dr. Bostock Hill, the eminent analyst, reports most favourably upon the freedom of the water from all organic or other impurities, and as eminently fitted for all kinds of aerated waters, soda, potass, seltzer, lithia, &c. The old-fashioned water-carriers who used to supply householders with Digbeth water from "the Old Cock pump" by St. Martin's have long since departed, but Messrs. Goff's smart-looking barrel-carts may be seen daily on their rounds supplying the real *aqua pura* to counters and bars frequented by those who like their "cold without," and like it good.—Messrs. Barrett & Co. and Messrs. Kilby are also extensive manufacturers of these refreshing beverages.

Nails.—No definite date can possibly be given as to the introduction of nailmaking here as a separate trade, most smiths, doubtless, doing more or less at it when every nail had to be beaten out on the anvil. That the town was dependent on outsiders for its main supplies 150 years back, is evidenced by the Worcestershire nailors marching from Cradley and the Lye, in 1737 to force the ironmongers to raise the prices. Machinery for cutting nails was tried as early as 1811, but it was a long while after that (1856) before a machine was introduced successfully. Now there are but a few special sorts made otherwise, as the poor people of Cradley and the Lye Waste know to their cost, hand-made nails now being seldom seen.

Nettlefold's (Limited).—This, one of the most gigantic of our local companies, was registered in March, 1880, the capital being £750,000 in shares of £10 each, with power to issue debentures to the vendors of the work purchased to the extent of £420,000. The various firms incorporated are those of Messrs. Nettlefold's, at Heath Street, and Princip-street, Birmingham, at

King's Norton, at Smethwick, &c., for the manufacture of screws, wire, &c., the Castle Ironworks at Hadley, Shropshire, and the Collieries at Ketley, in the same county; the Birmingham Screw Co., at Smethwick; the Manchester Steel Screw Co., at Bradford, Manchester; Mr. John Cornforth, at Berkeley Street Wire and Wire Nail Works; and Messrs. Lloyd and Harrison, at Stourport Screw Works. The purchase money for the various works amounted to £1,024,000, Messrs. Nettlefold's share thereof being £786,000, the Birmingham Screw Co.'s £143,000, the Manchester Co.'s £50,000, Messrs. Cornforth, Lloyd and Harrison taking the remainder. The firm's works in Heath Street are the most extensive of the kind in existence, the turnout being more than 200,000 gross of screws per week, nearly 250 tons of wire being used up in the same period.—See "*Screws*."

Nickel owes its introduction here to Mr. Askin, who, in 1832, succeeded in refining the crude ore by precipitation, previously it having been very difficult to bring it into use. Electro-plating has caused a great demand for it.

Nuts and Bolts.—In addition to a score or two of private firms engaged in the modern industry of nut and bolt making, there are several limited liability Co.'s, the chief being the Patent Nut and Bolt Co. (London Works, Smethwick), which started in 1863 with a capital of £400,000 in shares of £20 each. The last dividend (on £14 paid up) was at the rate of 10 per cent., the reserve fund standing at £120,000. Messrs. Watkins and Keen, and Weston and Grice incorporated with the Patent in 1865. Other Co.'s are the Midland Bolt and Nut Co. (Fawdry Street, Smethwick), the Phoenix Bolt and Nut Co. (Handsworth), the Patent Rivet Co. (Rolfe Street, Smethwick), the Birmingham Bolt and Nut Co., &c.

Optical and Mathematical Instruments of all kinds were manufactured

here in large numbers eighty years ago, and many, such as the solar microscope, the kaleidoscope, &c. may be said to have had their origin in the workshops of Mr. Philip Carpenter and other makers in the first decade of the present century. The manufacture of these articles as a trade here is almost extinct.

Papier Maché.—The manufacture was introduced here by Henry Clay in 1772, and being politic enough to present Queen Caroline with a Sedan chair made of this material, he was patronised by the wealthy and titled of the day, the demand for his ware being so extensive that at one time he employed over 300 hands, his profit being something like £3 out of every £5. It has been stated that many articles of furniture, &c., made by him are still in use. Messrs. Jennens and Bettridge commenced in 1816, and improvements in the manufacture have been many and continuous. George Souter introduced pearl inlaying in 1825; electro-deposit was applied in 1844; "gem inlaying" in 1847, by Benj. Giles; aluminium and its bronze in 1864; the transfer process in 1856 by Tearne and Richmond. Paper pulp has been treated in a variety of ways for making button blanks, tray blanks, imitation jet, &c., the very dust caused by cutting it up being again utilised by mixture with certain cements to form brooches, &c.

Paraffin.—The manufacture of lamps for the burning of this material dates only from 1861.

Pins.—What becomes of all the pins? Forty years ago it was stated that 20,000,000 pins were made every day, either for home or export use, but the total is now put at 50,000,000, notwithstanding which one can hardly be in the company of man, woman, or child, for a day without being asked "Have you such a thing as a pin about you?" Pins were first manufactured here in quantities about 1750, the Ryland family having the honour of

introducing the trade. It formerly took fourteen different persons to manufacture a single pin, cutters, headers, pointers, polishers, &c., but now the whole process is performed by machinery. The proportion of pins made in Birmingham is put at 37,000,000 per day, the weight of brass wire annually required being 1,850,000 lbs., value £84,791; iron wire to the value of £5,016 is used for mourning and hair pins. The census reports say there are but 729 persons employed (of whom 495 are females) in the manufacture of the 11,500,000 pins sent from our factories every year.

Planes.—Carpenters' planes were supplied to our factors in 1760 by William Moss, and his descendants were in the business as late as 1844. Messrs. Atkins and Sons have long been celebrated makers, their hundreds of patterns including all kinds that could possibly be desired by the workman. Woodwork is so cut, carved, and moulded by machinery now, that these articles are not so much in demand, and the local firms who make them number only a dozen.

Plated Wares.—Soho was celebrated for its plated wares as early as 1766; Mr. Thomason (afterwards Sir Edward) commenced the plating in 1796; and Messrs. Waterhouse and Ryland, another well-known firm in the same line, about 1808, the material used being silver rolled on copper, the mountings being, in good work, often solid silver. The directory of 1780 enumerates 46 platers, that of 1799 96 ditto; their names might now be counted on one's finger ends, the modern electro-plating having revolutionised the business, vastly to the prosperity of the town.

Puzzles.—The Yankee puzzle game of "Fifteen," took so well when introduced into this country (summer of 1880), that one of our local manufacturers received an order to supply 10,000 gross, and he was clever enough to construct a machine that made 20 sets per minute.

Railway Waggon Works.—With the exception of the carriage building works belonging to the several great railway companies, Salfley may be said to be the headquarters of this modern branch of industry, in which thousands of hands are employed. The Midland Railway Carriage and Waggon Co. was formed in 1853, and has works on a smaller scale at Shrewsbury. The Metropolitan Railway Carriage and Waggon Co. was originated in London, in 1845, but removed to Salfley in 1862, which year also saw the formation of the Union Rolling Stock Co. The capital invested in the several companies is very large, and the yearly value sent out is in proportion, more rolling stock being manufactured here than in all the other towns in the kingdom put together, not including the works of the railway companies themselves. Many magnificent palaces on wheels have been made here for foreign potentates, Emperors, Kings, and Queens, Sultans, and Kaisers, from every clime that the iron horse has travelled in, as well as all sorts of passenger cars, from the little narrow-gauge vehicles of the Festiniog line, on which the travellers must sit back to back, to the 60ft. long sleeping-cars used on the Pacific and Buenos Ayers Railway, in each compartment of which eight individuals can find sleeping accommodation equal to that provided at many of the best hotels, or the curious-looking cars used on Indian railways, wherein the natives squat in tiers, or, as the sailor would say, with an upper and lower deck.

Ropemaking is a trade carried on in many places, but there are few establishments that can equal the Universe Works in Garrison Lane, where, in addition to hundreds of tons of twine and cord, there are manufactured all sorts of wire and hemp ropes for colliery and other purposes, ocean telegraph cables included. Messrs. Wright introduced steam machinery early in 1853, and in the following year they patented a rope made of best hemp and

galvanised wire spun together by machinery. On a test one of these novelties, 4½ in. circumference attached to two engines, drew a train of 300 tons weight. To supply the demand for galvanised signalling and fencing cords, the machines must turn out 15,000 yards of strand per day.

Rulemaking, though formerly carried on in several places, is now almost confined to this town and the metropolis, and as with jewellery so with rules, very much of what is called "London work" is, in reality, the produce of Birmingham. Messrs. Rabone Brothers are the principal makers, and the boxwood used is mostly obtained from Turkey and the Levant, but the firm does not confine itself solely to the manufacture of wood rules, their steel tapes, made up to 200ft in one length, without join of any sort, being a specialty highly appreciated by surveyors and others.

Saddlery.—One of the oldest local trades, as Leland, in 1538, speaks of "lorimers" as being numerous then. That there was an important leather market is certain (Hutton thought it had existed for 700 years), and we read of "leather sealers" among the local officers as well as of a "Leather Hall," at the east end of New Street. The trade has more than quadrupled during the last 25 years, about 3,000 hands being now engaged therein, in addition to hundreds of machines.

Screws.—In olden days the threads of a screw had to be filed out by hand, and the head struck up on the anvil. The next step was to turn them in a lathe, but in 1849 a German clock-maker invented a machine by which females could make them five times as fast as the most skilful workman, and, as usual, the supply created a demand; the trade for a few years received many additions, and the "screw girders," as the hard-working lasses were called, were to be met with in many parts of the town. 1852, 1,500 hands were employed, the output being from 20 to 25 tons per week, or 2,000,000 gross

per year. Gradually, however, by the introduction and patenting of many improvements in the machinery, the girls were, in a great measure, dispensed with, and their employers as well, Messrs. Nettlefold and Chamberlain having, in 1865, nearly the whole trade in their hands, and sending out 150,000 gross of screws per week. Nearly 2,000 people are employed at Nettlefold's, including women and girls, who feed and attend the screw and nail-making machines. Notwithstanding the really complicated workings of the machines, the making of a screw seems to a casual visitor but a simple thing. From a coil of wire a piece is cut of the right length by one machine, which roughly forms a head and passes it on to another, in which the blank has its head nicely shaped, shaved, and "nicked" by a revolving saw. It then passes by an automatic feeder into the next machine where it is pointed and "wormed," and sent to be shook clear of the "swaff" of shaving cut out for the worm. Washing and polishing in revolving barrels precedes the examination of every single screw, a machine placing them one by one so that none can be missed sight of. Most of the 2,000 machines in use are of American invention, but improved and extended, all machinery and tools of every description being made by the firm's own workpeople.

Sewing Machines.—The various improvements in these machines patented by Birmingham makers may be counted by the gross, and the machines sent out every year by the thousands. The button-hole machine was the invention of Mr. Clements.

Sheathing Metal.—In a newspaper called *The World*, dated April 16, 1791, was an advertisement beginning thus—"By the King's patent, *tinned copper* sheets and pipes manufactured and sold by Charles Wyatt, Birmingham, and at 19, Abchurch-lane, London." It was particularly recommended for sheathing of ships, as the tin coating would prevent the corrosion

of the copper and operate as "a preservative of the iron placed contiguous to it." Though an exceedingly clever man, and the son of one of Birmingham's famed worthies, Mr. Charles Wyatt was not fortunate in many of his inventions, and his tinned copper brought him in neither silver nor gold. What is now known as sheathing or "yellow" metal is a mixture of copper, zinc, and iron in certain defined proportions, according as it is "Muntz's metal," or "Green's patent," &c. Several patents were taken out in 1779, 1800, and at later dates, and, as is usual with "good things," there has been sufficient squabbling over sheathing to provide a number of legal bigwigs with considerable quantities of the yellow metal *they* prefer. George Frederick Muntz, M.P., if not the direct inventor, had the lion's share of profit in the manufacture, as the good-will of his business was sold for £40,000 in 1863, at which time it was estimated that 11,000 tons of Muntz's mixture was annually made into sheathing, ships' bolts, &c., to the value of over £800,000. The business was taken to by a limited liability company, whose capital in March, 1884, was £180,000, on which a 10 per cent. dividend was realised. Elliott's Patent Sheathing and Metal Co. was formed in 1862.

Snuff-boxes.—A hundred years ago, when snuff-taking was the *mode*, the manufacture of japanned, gilt, and other snuff-boxes gave employment to large numbers here. Of one of these workmen it is recorded that he earned £3 10s. per week painting snuff-boxes at 1d. each. The first mention of their being made here is in 1693.

Soap.—In more ways than one there is a vast deal of "soft soap" used in Birmingham, but its inhabitants ought to be cleanly people, for the two or three manufactories of hard yellow and mottled in and near the town turn out an annual supply of over 3,000 tons.

Spectacles.—Sixty and seventy years ago spectacles were sent out by the gross

to all part of the country, but they were of a kind now known as "goggles," the frames being large and clumsy, and made of silver, white metal, or tortoiseshell, the fine steel wire frames now used not being introduced until about 1840.

Stereoscopes, the invention of Sir David Brewster, were first made in this town, Mr. Robert Field producing them.

Steel Pens.—Though contrary to the general belief, metallic pens are of very ancient origin. Dr. Martin Lister, in his book of Travels, published in 1699, described a "very curious and antique writing instrument made of thick and strong silver wire, wound up like a hollow bottom or screw, with both the ends pointing one way, and at a distance, so that a man might easily put his forefinger between the two points, and the screw fills the ball of his hand. One of the points was the point of a bodkin, which was to write on waxed tables; the other point was made very artificially, like the head and upper beak of a cock and the point divided in two, just like our steel pens, from whence undoubtedly the moderns had their patterns: which are now made also of fine silver or gold, or Prince's metal, all of which yet want a spring and are therefore not so useful as of steel or a quill: but the quill soon spoils. Steel is undoubtedly the best, and if you use China ink, the most lasting of all inks, it never rusts the pen, but rather preserves it with a kind of varnish, which dries upon it, though you take no care in wiping it."—Though Messrs. Gilott and Sons' Victoria Works, Graham Street, stands first among the pen-making establishments open to the visit of strangers, it is by no means the only manufactory whereat the useful little steel pen is made in large quantities, there being, besides, Mr. John Mitchell (Newhall Street), Mr. William Mitchell (Cumberland Street), Hinks, Wells and Co. (Buckingham Street), Brandaner and Co. (New John Street, West), Baker

and Finnemore (James Street), G. W. Hughes (St. Paul's Square), Leonardt and Co. (Charlotte Street), Myers and Son (Charlotte Street), Perry and Co. (Lancaster Street), Ryland and Co. (St. Paul's Square), Sansum and Co. (Tenby Street), &c., the gross aggregate output of the trade at large being estimated at 20 tons per week.

Stirrups.—According to the Directory, there are but four stirrup makers here, though it is said there are 4,000 different patterns of the article.

Swords.—Some writers aver that Birmingham was the centre of the metal works of the ancient Britons, where the swords and the scythe-blades were made to meet Julius Cæsar. During the Commonwealth, over 15,000 swords were said to have been made in Birmingham for the Parliamentary soldiers, but if they thus helped to overthrow the Stuarts at that period, the Brummagem boys in 1745 were willing to make out for it by supplying Prince Charlie with as many as ever he could pay for, and the basket-hilts were at a premium. Disloyalty did not always prosper though, for on one occasion over 2,000 cutlasses intended for the Prince, were seized *en route* and found their way into the hands of his enemies. Not many swords are made in Birmingham at the present time, unless matchets and case knives used in the plantations can be included under that head.

Thimbles, or thumbbells, from being originally worn on the thumb, are said by the Dutch to have been the invention of Mynheer van Bauschoten for the protection of his lady-love's fingers when employed at the embroidery-frame; but though the good people of Amsterdam last year (1884) celebrated the bicentenary of their gallant thimble-making goldsmith, it is more than probable that he filched the idea from a Birmingham man, for Shakespeare had been dead sixty-eight years prior to 1684, and he made mention of thimbles as quite a common possession of all ladies in his time:

"For your own ladies, and pale-visag'd maids,
Like Amazons, come tripping after drums,
Their thimbles into armed gauntlets change;
Their needs to lances."

King John, Act v. sc. 3.

"Thou liest, thou threat'st, thou thimblest."

"And that I'll prove upon thee, though thy little finger be armed in a thimble,"

Taming of the Shrew, Act iv., sc. 3.

The earliest note we really have of thimbles being manufactured in Birmingham dates as 1695. A very large trade is now done in steel, brass, gold, and silver.

Thread.—Strange are the mutations of trade. The first thread of cotton spun by rollers, long before Arkwright's time, was made near this town in the year 1700, and a little factory was at work in the Upper Priory (the motive power being two donkeys), in 1740, under the ingenious John Wyatt, with whom were other two well-remembered local worthies—Lewis Paul and Thomas Warren. Many improvements were made in the simple machinery, but fate did not intend Birmingham to rival Bradford, and the thread making came to an end in 1792.

Tinderboxes, with the accompanying "fire steels," are still made here for certain foreign markets, where lucifers are not procurable.

Tinning.—Iron pots were first tinned in 1779, under Jonathan Taylor's patent. Tinning wire is one of the branches of trade rapidly going out, partly through the introduction of the galvanising process, but latterly in consequence of the invention of "screw," "ball," and other bottle stoppers. There were but five or six firms engaged in it ten years back, but the then demand for bottling-wire may be gathered from the fact that one individual, with the aid of two helpers, covered with the lighter-coloured metal about 2cwt. of slender iron wire per day. This would give a total length of about 6,500 miles per annum, enough to tie up 25,718,784 bottles of pop, &c.

Tools.—The making of tools for the workers in our almost countless trades

has given employ to many thousands, but in addition thereto is the separate manufacture of "heavy edge tools." Light edge tools, such as table and pocket knives, scissors, gravers, &c., are not made here, though "heavy" tools comprising axes, hatchets, cleavers, hoes, spades, mattocks, forks, chisels, plane irons, machine knives, scythes, &c., in endless variety and of hundreds of patterns, suited to the various parts of the world for which they are required. Over 4,000 hands are employed in this manufacture.

Tubes.—Immense quantities (estimated at over 15,000 tons) of copper, brass, iron, and other metal tubing are annually sent out of our workshops. In olden days the manufacture of brass and copper tubes was by the tedious process of rolling up a strip of metal and soldering the edges together. In 1803 Sir Edward Thomason introduced the "patent tube"—iron body with brass coating, but it was not until 1838 that Mr. Charles Green took out his patent for "seamless" tubes, which was much improved upon in 1852 by G. F. Muntz, junr., as well as by Mr. Thos. Attwood in 1850, with respect to the drawing of copper tubes. The Peyton and Peyton Tube Co., London Works, was registered June 25, 1878, capital £50,000 in £5 shares. Messrs. Peyton received 1,000 paid-up shares for their patent for machinery for manufacturing welded and other tubes, £3,500 for plant and tools, the stock going at valuation.

Tutania Metal took its name from Tutin, the inventor. It was much used a hundred years ago, in the manufacture of buckles.

Umbrellas.—The name of the man who first carried an umbrella in this town (about the year 1780) has not yet been enrolled among our "Birmingham Worthies," but he must have been known to some of our fathers, for it is not much more than 100 years ago since Jonas Hanway walked down the Strand, shielding his wig from the wet with the first umbrella seen in

London. The metal work required for setting-up, technically called "furniture," has long been made here, and gives employment to about 1,700 hands, two-thirds of whom are females.

Vinegar.—Fardon's Vinegar Brewery, Glover Street, is worth a visit, if only to look at their five vats, each upwards of 30ft. high and 24ft. in diameter, and each capable of storing 58,000 gallons. But, besides these, among the largest of their kind in the world, there are thirteen 24,000 gallons vats, five 15,000, and twenty seven 10,000.

Vitriol.—The Oil of Vitriol in 1800 was reduced from 3s. per lb. to 1s. ; in 1865 it was sold at 1d.

Watchmaking.—Few names of eminent horologists are to be found in the lists of departed tradesmen ; so few indeed that watchmaking would seem to have been one of the unknown arts, if such a thing was possible at any period of the last two hundred years of Birmingham history. Messrs. Brunner (Smallbrook Street), Swinden (Temple Street), and Ehrardt (Barr Street West) take the lead at present among private firms, but the introduction of a watch manufactory is due to Mr. A. L. Denison, who, though not the originator of the notion, after establishing factories in America (in or about 1850) and Switzerland, came to this country in 1871, and, with other gentlemen, in the following year started the Anglo-American Watch Co. (Limited), a factory being erected in Villa Street. The trade of the Co. was principally with America, which was supplied with machine-made "works" from here until the Waltham, Elgin, and other firms over there beat them out of the market, a not very difficult operation, considering that our fair-trading cousins impose a 25 per cent. duty on all such goods sent there by the free-traders of this country. The Villa Street establishment was purchased in 1875 by Mr. William Bragge, who developed the business under the name of The English

Watch Co., the manufacture being confined almost solely to English Lever watches, large and small sized, key-winding and keyless. In January, 1882, Mr. Bragge, for the sum of £21,000 parted with the business, plant, stock, and premises, to the present English Watch Co. (Limited), which has a registered capital of £50,000 in shares of £10 each, the dividend (June, 1884) being at the rate of 6 per cent. on paid-up capital.—In April, 1883, the prospectus of The English Double Chronograph Co. (Limited) was issued, the capital being £50,000 in £10 shares, the object of the company being to purchase (for £15,000) and work the patents granted to Mr. W. H. Douglas, of Stourbridge, for improvements in chronographs, the improvements being of such a nature that ordinary keyless English levers can be turned into double chronographs at a trifling cost.

Whipmaking, as a trade distinct from saddlery, dates from about 1750, and it received a great impetus by the introduction, in 1780, of a machine by Matthew Dain for the easier manipulation of the leather thong.

Whistles of all sizes and sorts, from the child's tin whistle to the huge and powerful steam whistles used on board the American liners, are made in this town, and it might be imagined there could be but little novelty in any new design. This, however, is not the case, for when the authorities of Scotland Yard (June, 1884) desired a new police whistle, samples were sent in from many parts of the country, from America, and from the Continent. The order, which was for 40,000, was secured by Messrs. J. Hudson and Co., Buckingham Street, and so distinct is the speciality, that fifty other places have followed the example of the Metropolis.

Wire.—Wire-drawing, which formerly had to be done by hand, does not appear to have been made into a special trade earlier than the beginning of the 18th century, the first wire mill we

read of being that of Penns, near Sutton Coldfield, which was converted from an iron forge in 1720. Steel wire was not made till some little time after that date. The increased demand for iron and steel wire which has taken place during the last 35 years is almost incredible, the make in 1850 being not more than 100 tons; in 1865 it was calculated at 2,000 tons, in 1875 it was put at 12,000 tons, while now it is estimated to equal 30,000 tons. In March 1853, a piece of No. 16 copper wire was shown at Mr. Samuel Walker's in one piece, three miles long, drawn from a bar $\frac{3}{16}$ ths in diameter. Originally the bar weighed 123 lbs., but it lost 14 lbs. in the process, and it was then thought a most remarkable production, but far more wonderful specimens of wire-spinning have since been exhibited. A wire rope weighing over 70 tons, was made in 1876 at the Universe Works, of Messrs. Wright, who are the patentees of the mixed wire and hemp rope. Birdcages, meat covers, mouse traps, wire blinds, wire nails, wire latticing, &c., we have long been used to; even girding the earth with land and ocean telegraph wire, or fencing in square miles at a time of prairie land, with wire strong enough to keep a herd of a few thousand buffaloes in range, are no longer novelties, but to shape, sharpen, and polish a serviceable pair of penny scissors out of a bit of steel wire by two blows and the push of a machine, is something new, and it is Nettlefold's latest.

Wire Nails, Staples, &c., are made at Nettlefold's by machinery much in advance of what can be seen elsewhere. In the nail mill the "Paris points" as wire nails are called, are cut from the coil of wire by the first motion of the machine as it is fed in, then headed and pointed at one operation, sizes up to one inch being turned out at the rate of 360 a minute. In the manufacture of spikes, the punch for making the head is propelled by springs, which are compressed by a cam, and then released at each stroke; two cut-

ters worked by side cams on the same shaft cut off the wire and make the point. A steel finger then advances and knocks the finished spike out of the way to make room for the next. Wire staples, three inches long, are turned out at the rate of a hundred a minute; the wire is pushed forward into the machine and cut off on the bevel to form the points; a hook rises, catches the wire, and draws it down into the proper form, when a staple falls out complete.

Wire Gauge.—The following table shows the sizes, weights, lengths, and breaking strains of iron wire under the Imperial Standard Wire Gauge, which came into operation March 1, 1884:—

Size on Wire Gauge.	DIAMETER		Sectional Area in Sq. Inches.	WEIGHT OZ.		Length of Cwt.	BREAKING STRAINS.	
	Inch.	Millimetres.		100 Yards.	Mile.		Annealed.	Bright.
7/0	500	12.7	1963	193.4	3404	58	10470	15700
6/0	464	11.8	1641	166.5	2930	67	9017	13525
5/0	432	11	1466	144.4	2541	78	7814	11725
4/0	400	10.2	1257	123.8	2179	91	6702	10052
3/0	372	9.4	1087	107.1	1885	105	5796	8694
2/0	348	8.8	951	93.7	1649	120	5072	7608
1/0	324	8.2	824	81.2	1429	138	4397	6595
1	300	7.6	707	69.6	1225	161	3770	5655
2	276	7	598	58.9	1037	190	3190	4785
3	252	6.4	499	49.1	864	228	2660	3990
4	232	5.9	423	41.6	732	269	2254	3381
5	212	5.4	365	34.8	612	322	1883	2824
6	192	4.9	320	28.5	502	393	1644	2316
7	176	4.5	284	24	422	467	1298	1946
8	160	4.1	260	19.8	348	566	1072	1608
9	144	3.7	216	16	282	700	869	1303
10	128	3.3	179	12.7	223	882	687	1030
11	116	3	160	10.4	183	1077	564	845
12	104	2.6	141	8.4	148	1333	454	680
13	92	2.3	122	6.5	114	1723	355	532
14	80	2	105	5	88	2240	268	402
15	72	1.8	90	4	70	2800	218	326
16	64	1.6	80	3.2	56	3500	172	257
17	56	1.4	70	2.4	42	4667	131	197
18	48	1.2	60	1.8	32	6222	97	145
19	40	1	50	1.2	21	9333	67	100
20	36	.9	40	1	18	11200	55	82

Fates.—At one period this was the favourite slang term of the smothering

fraternity for the metal used in their nefarious business, the spoons manufactured by Messrs. Yates and Son being the best material for transmutation into base coin.

Trafalgar.—See “*Nelson*” and “*Statues*.”

Train Bands.—The Trainbands of former days may be likened to the militia of the present time, but were drawn from every parish in the hundreds, according to the population. A document in the lost Staunton Collection gave the names and parishes of the men forming “Lord Compton’s Company of Foot for the Hundred of Hemlingford” in 1615, being part of the “Warwick-hire Trayne Bands.” Birmingham supplied six men armed with pikes and six with muskets; Birmingham and Aston jointly the same number; Edgbaston one pike; Coleshill three of each; Sutton Coldfield four pikes and six muskets; Solihull three pikes and four muskets; Knowle the same; Berkswell two pikes and five muskets; and Meriden one pike and two muskets. These Trained Bands numbered 600 men from Coventry and the county in 1642, besides the Militia and Volunteers of Warwickshire, which were called up in that year. These latter mustered very strongly on the days for review and training, there being at Stratford-upon-Avon (June 30) 400 Volunteers well armed and 200 unarmed; at Warwick (July 1 & 2) 650 well armed; at Coleshill (July 4) 800 almost all well armed; and at Coventry near 800 most well armed—the total number being 2,850, making a respectable force of 3,450 in all, ready, according to the expression of their officers, “to adhere to His Majestie and both Houses of Parliament, to the losse of the last drop of their dearest blood.” These fine words, however, did not prevent the “Volunteers” of this neighbourhood opposing His Majestie to the utmost of their power soon afterwards.

Tramways.—These take their

name from Mr. Outram, who, in 1802, introduced the system of lightening carriage by running the vehicles on rail in the North of England. The first suggestion of a local tramway came through Mr. G. F. Train, who not finding scope sufficient for his abilities in America, paid Birmingham a visit, and after yarning us well asked and obtained permission (Aug. 7, 1860) to lay down tram rails in some of the principal thoroughfares, but as his glib tongue failed in procuring the needful capital his scheme was a thorough failure. Some ten years after the notion was taken up by a few local gentlemen, and at a public meeting, on December 27, 1871, the Town Council were authorised to make such tramways as they thought to be necessary, a Company being formed to work them. This Company was rather before its time, though now it would be considered, if anything, rather backward. The first line of rails brought into use was laid from the bottom of Hockley Hill to Dudley Port, and it was opened May 20, 1872; from Hockley to top of Snow Hill the cars began to run September 7, 1873; the Bristol Road line being first used May 30, though formally opened June 5, 1876. The Birmingham and District Tramway Company's lines cost about £65,000, and they paid the Corporation £910 per year rental, but in May, 1877, their interest was bought up by the Birmingham Tramway and Omnibus Company for the sum of £25,000, the original cost of the property thus acquired being £115,000. The new company leased the borough lines for seven years at £1,680 per annum, and gave up the out-district portion of the original undertaking. That they have been tolerably successful is shown by the fact that in 1883 the receipts from passengers amounted to £39,859, while the owners of the £10 shares received a dividend of 15 per cent. The authorised capital of the company is £60,000, of which £33,600 has been called up. The

Aston line from Corporation Street to the Lower Grounds was opened for traffic the day after Christmas, 1882. The Company's capital is £50,000, of which nearly one-half was expended on the road alone. This was the first tramway on which steam was used as the motive power, though Doune's locomotive was tried, Jan. 8, 1876, between Handsworth and West Bromwich, and Hughes's between Monmouth Street and Bournbrook on July 2, 1880, the latter distance being covered in twenty-five minutes with a car-load of passengers attached to the engine. The next Company to be formed was the South Staffordshire and Birmingham District Steam Tramway Co., who "broke ground" July 26, 1882, and opened their first section, about seven miles in length (from Handsworth to Darlaston), June 25, 1883. This line connects Birmingham with West Bromwich, Wednesbury, Great Bridge, Dudley, Walsall, and intermediate places, and is worked with 40-horse power engines of Wilkinson's make. The Birmingham and West Suburban Tramways Co.'s lines, commencing in Station Street run, by means of branches from several parts, to various of the suburbs:—1st, by way of Pershore Street, Moat Row, Bradford Street, and Moseley Road, to Moseley; 2nd, by way of Deritend, Bordesley, Cump Hill, along Stratford Road, to Sparkhill; 3rd, leaving Stratford Road (at the Mermaid) and along Warwick Road, to Acock's Green; 4th, striking off at Bordesley, along the Coventry Road to the far side of Small Heath Park; 5th, from Moat Row, by way of Smithfield Street to Park Street, Duddleston Row, Curzon Street, Vauxhall Road, to Nechells Park Road; 6th, in the same direction by way of Gosta Green, Lister Street, and Great Lister Street, using "running powers" over the Aston line where necessary on the last-named and following routes; 7th from Corporation Street, along Aston Street, Lancaster Street, Newtown

Row, up the Birchfield Road; 8th, from Six Ways, Birchfield, along the Lozells Road to Villa Cross, and from the Lozells Road along Wheeler Street to Constitution Hill, forming a junction with the original Hockley and Snow Hill line. The system of lines projected by the Western Districts Co., include: 1st, commencing in Edmund Street, near the Great Western Railway Station, along Congreve Street, Summer Row, Parade, Frederick Street, and Vyse Street, to join the Hockley line; 2nd, as before to Parade, along the Sindsprits, Spring Hill to borough boundary in Dauley Road, and along Heath Street to Smethwick; 3rd, as before to Spring Hill, thence in one direction along Monument Road to Hagley Road, and in the opposite direction along Icknield Street to Hockley; 4th, starting from Lower Temple Street, along Hill Street, Hurst Street, Sherlock Street to the borough boundary in Pershore Road, and from Sherlock Street, by way of Gooch Street, to Balsall Heath; 5th, by way of Holloway Head, Bath Row, and Islington to the Five Ways. The whole of the lines now in use and being constructed in the Borough are the property of the Corporation, who lease them to the several Companies, the latter making the lines outside the borough themselves, and keeping them in repair. The average cost of laying down is put at 50s. per yard for single line, or £5 per yard for double lines, the cost of the metal rail itself being about 20s. per yard.

Trees in Streets.—Though a few trees were planted along the Bristol Road in 1853, and a few others later in some of the outskirts, the system cannot be fairly said to have started till the spring of 1876, when about 100 plane trees were planted in Broad Street, 100 limes in Bristol Street, 20 Canadian poplars in St. Martin's church-yard, a score or so of plane trees near Central Station, and a number in Gosta Green and the various play-

grounds belonging to Board Schools, a few elms, sycamores, and Ontario poplars being mixed with them. As a matter of historical fact, the first were put in the ground Nov. 29, 1885, in Stephenson Place.

Tunnels.—The tunnel on the Worcester and Birmingham Canal, near King's Norton, is 2,695 yards long, perfectly straight, 17½-ft. wide, and 18-ft. high. In the centre a basin is excavated sufficiently wide for barges to pass without inconvenience; and in this underground chamber in August, 1795, the Royal Arch Masons held a regular chapter of their order, rather an arch way of celebrating the completion of the undertaking. The other tunnels on this canal are 110, 120, 406, and 524 yards in length. On the old Birmingham Canal there are two, one being 2,200 yards long and the other 1,010 yards. On the London and Birmingham Railway (now London and North Western) the Watford tunnel is 1,830 yards long, the Kisleigh tunnel 2,423 yards, and Primrose Hill 1,250 yards. On the Great Western line the longest is the Box tunnel, 3,123 yards in length. The deepest tunnel in England pierces the hills between Great Malvern and Herefordshire, being 600ft. from the rails to the surface; it is 1,560 yards in length. The longest tunnels in the country run under the range of hills between Marsden in Yorkshire and Diggle in Lancashire, two being for railway and one canal use. One of the former is 5,434 yards, and the other (Stanedge, on the L. & N.W.) 5,435 yards long, while the canal tunnel is 5,451 yards.

Turnpike Gates.—At one time there were gates or bars on nearly every road out of the town. Even at the bottom of Worcester Street there was a bar across the road in 1818. There was once a gate at the junction of Hang'sman Lane (our Great Hampton Row) and Constitution Hill, which, being shifted further on, to about the spot where Green and Cadbury's Works now are, remained till 1839. The gate

in Deritend was removed in August, 1828; the one at Five Ways July 5, 1841; those at Small Heath, at Sparkbrook, in the Moseley Road, and in the Hagley Road were all "free'd" in 1851, and the sites of the toll houses sold in 1853. In the "good old coaching days" the turnpike tolls paid on a coach running daily from here to London amounted to £1,428 per year.

Union Passage, at first but a field path out of the yard of the Crown Tavern to the Cherry Orchard, afterwards a narrow entry as far as Crooked Lane, with a house only at each end, was opened up and widened in 1823 by Mr. Jones, who built the Pantech-nethera. Near the Bull Street end was the Old Bear Yard, the premises of a dealer in dogs, rabbits, pigeons, and other pets, who kept a big brown bear, which was taken out whenever the Black Country boys wanted a bear-baiting. The game was put a stop to in 1835, but the "cage" was there in 1841, about which time the Passage became built up on both sides throughout.

Vaughton's Hole.—An unfortunate soldier fell into a deep clay pit here, in July, 1857, and was drowned; and about a month after (August 6) a horse and cart, laden with street sweepings, was backed too near the edge, over-turned, and sank to the bottom of sixty feet deep of water. The place was named after a very old local family who owned considerable property in the neighbourhood of Gooch Street, &c., though the descendants are known as Houghtons.

Vauxhall.—In an old book descriptive of a tour through England, in 1766, it is mentioned that near Birmingham there "is a seat belonging to Sir Liston Holte, Bart., but now let out for a public house (opened June 4, 1758), where are gardens, &c., with an organ and other music, in imitation of Vauxhall, by which name it goes in the neighbourhood." The old place, having been purchased by the Victoria

Land Society, was closed by a far-well dinner and ball, September 16, 1850, the first stroke of the axe to the trees being given at the finish of the ball, 6 a.m. next morning. In the days of its prime, before busy bustling Birmingham pushed up to its walls, it ranked as one of the finest places of amusement anywhere out of London. The following verse (one of five) is from an "Impromptu written by Edward Farmer in one of the alcoves at Old Vauxhall, March 6, 1850" :—

"There's scarce a heart that will not start,
No matter what its rank and station,
And heave a sigh when they destroy,
This favourite place of recreation.
If we look back on memory's track,
What joyous scenes we can recall,
Of happy hours in its gay bowers,
And friends we met at Old Vauxhall!"

Velocipedes.—We call them "cycles" nowadays, but in 1816-20 they were 'dandy-horses,' and in the words of a street ballet of the period

"The hobby-horse was all the go
In country and in town."

Views of Birmingham.—The earliest date "view" of the town appears to be the one given in Dagdale's Warwickshire, of 1656, and entitled "The Prospect of Birmingham, from Ravenhurst (neere London Road), in the South-east part of the Towne."

Villa Cross was originally built for and occupied as a school, and known as Aston Villa School.

Visitors of Distinction in the old Soho days, were not at all rare, though they had not the advantages of travelling by rail. Every event of the kind, however, was duly chronicled in the *Gazette*, but they must be men of superior mark indeed, or peculiarly notorious perhaps, for their movements to be noted nowadays. Besides the "royalties" noted elsewhere, we were honoured with the presence of the Chinese Commissioner Pin-ta-Jen, May, 7, 1866, and his Excellency the Chinese Minister Kus-ta-Jen, January 23, 1873. Japanese Ambassadors were here May 20, 1862, and again Novem-

ber 1, 1872. The Burmese Ambassadors took a look at us August 14, 1872, and the Madagascar Ambassadors followed on January 5, 1883.—Among the brave and gallant visitors who have noted are General Elliott, who came August 29th, 1787. Lord Nelson, August 30, 1802, and there is an old Harborneite still living who says he can recollect seeing the hero come out of the hotel in Temple Row. The Duke of Wellington and Sir Robert Peel dined at Dee's Hotel, September 23, 1830. The Duke's old opponent, Marshal Soult, in July 1838, seemed particularly interested in the work going on among our gun-shops. Lady Havelock, her two daughters, and General Havelock, the only surviving brother of Sir Henry, visited the town October 8, 1858. General Ulysses Grant, American Ex-president, was soft-soaped at the Town Hall, October 19, 1877.—Politicians include Daniel O'Connell, January 20, 1832. The Right Hon. Benjamin Disraeli, who visited the Small Arms Factory, August 18, 1869, was again here August 22, 1876, immediately after being raised to the peerage as Earl of Beaconsfield. The Right Hon. W. E. Gladstone was welcomed with a procession and a "monster meeting" at Bingley Hall, May 31, 1877. The Right Hon. R. A. Cross, Home Secretary, honoured the Conservatives by attending a banquet in the Town Hall, Nov. 20, 1876. Sir Stafford Northcote, then Chancellor of the Exchequer, came here Oct. 19, 1878, and was at Aston, Oct. 13, 1884, when the Radical roughs made themselves conspicuous. Lord Randolph Churchill was introduced to the burgesses, April 15, 1884; and has been here many times since, as well as the late Col. Burnaby, who commenced his candidature for the representation of the borough July 23, 1878.—In the long list of learned and literary visitors occur the names of John Wesley, who first came here in March, 1738, and preached on Gosta Green in 1743

Whitfield preached here in Oct., 1753. Benjamin Franklin was in Birmingham in 1758, and for long afterwards corresponded with Baskerville and Boulton. Fulton, the American engineer, (originally a painter) studied here in 1795. Washington Irving, whose sister was married to Mr. Henry Van Wart, spent a long visit here, during the course of which he wrote the series of charming tales comprised in his "Sketch Book." His "Bracebridge Hall," if not written, was conceived here, our Aston Hall being the prototype of the Hall, and the Bracebridge family of Atherstone found some of the characters. Thomas Carlyle was here in 1824; Mr. and Mrs. Beecher Stowe ("Uncle Tom's Cabin"), in May, 1853; Sir W. Crofton, Oct. 9, 1862; M. Chevalier, April 28, 1875; Mr. Ruskin, July 14, 1877; Rev. Dr. Punshon, March 19, and J. A. Froude, M.A., March 18, 1878; Mr. Archibald Forbes, April 19, 1878; H. M. Stanley, Nov. 6, 1878; Bret Harte, April 7, 1879; the Rev. T. de Witt Talmage, an American preacher of great note, lectured in Town Hall June 9 and July 7, 1879, on "The Bright side of Things," and on "Big Blunders;" but, taking the brightest view he could, he afterwards acknowledged that his coming here was the biggest blunder he had ever made. Oscar Wilde, March 13, 1884. Lola Montes lectured here March 2-4, 1859. Dr. Kenealy was here June 26, 1875. Th. Tichborne Claimant showed himself at the Town Hall, August 26, 1872, and again, "after his exile," at the Birmingham Concert Hall, Jan. 12, 1885.

Volunteers in the Olden Time.

—A meeting was held October 5, 1745, for the raising of a regiment of volunteers to oppose the Scotch rebels, but history does not chronicle any daring exploits by this regiment. Playing at soldiers would seem to have been formerly a more popular (or shall we say patriotic) amusement than of late years; for it is recorded that a local corps was organised in August, 1782, but

we suppose it was disbanded soon after, as in 1797, when the threatening times of revolution alarmed our peaceful sires, there were formed in Birmingham two companies, one of horse and one of foot, each 500 strong, under the commands of Capt. Pearson and Lord Brooke. They were called the Birmingham Loyal Association of Volunteers, and held their first parade in Coleshill Street, August 15, 1797. On the 4th of June following a grand review was held on Birmingham Heath (then unenclosed) to the delight of the local belles, who knew not which the most to admire, the scarlet horse or the blue foot. Over 100,000 spectators were said to have been present, and, strangest thing of all, the Volunteers were armed with muskets brought from Prussia. The corps had the honour of escorting Lord Nelson when, with Lady Hamilton, he visited the town in 1802. At a review on August 2, 1804, the regiment were presented with its colours, and for years the "Loyals" were the most popular men of the period. Our neighbours do not seem to have been more backward than the locals, though why it was necessary that the services of the Handsworth Volunteer Cavalry should be required to charge and put to flight the rioters in Snow Hill (May 29, 1810) is not very clear.—See also "*Train Bands*."

Volunteers of the Present Day.

—The first official enrolment of Volunteers of the present corps, was dated Nov. 25, 1859, though a list of names was on paper some three months earlier. Unlike sundry other movements which are now of a national character, that for the formation of a volunteer army was so far from having a local origin, that for a long time it was viewed with anything but favour in Birmingham; and, though it is not pleasant to record the fact, it was not until the little parish of Handsworth had raised its corps of the First Staffordshire, that the Brums really stepped into

the ranks. Properly the natal day should be reckoned as the 14th of December, 1859, when a town's meeting was held "for the purpose of adopting such measures as might seem desirable for placing Birmingham in its proper position with regard to the great national rifle movement." The Hon. Charles Granville Scott had been previously selected by Lord Leigh (the Lord-Lieutenant of the County) as Colonel, Major Sanders had accepted the Captaincy, Mr. J. O. Mason been appointed Lieutenant, and 111 names entered on the roll of members of the 1st Company, but it was not till the above-named day that the movement really made progress, the Mayor (Mr. Thos. Lloyd), Sir John Ratcliff, Mr. A. Dixon, and Mr. J. Lloyd each then promising to equip his twenty men apiece, and sundry other gentlemen aiding to dress up others of the rank and file. The money thus being found the men were soon forthcoming too, the end of the year showing 320 names on the roll call, a number increased to 1,080 by the close of 1860. The latter year saw the first parade in Calthorpe Park, the opening of the range at Bournebrook, and the formation of the twelve companies forming the first battalion, but, notwithstanding many liberal donations (the gunmakers giving £850), and the proceeds of the first annual ball, it closed with the corps being in debt over £1,000. On the formation of the 2nd county battalion, Col. Scott took command thereof, Major Sanders being promoted. He was followed by Lieut.-Col. Mason, on whose resignation, in February, 1867, Major Ratcliff succeeded, the battalion being then 1,161 strong. Col. Ratcliff retired in June, 1871, and was replaced by Major-General Hinde, C.B., who held command until his death, March 1, 1881. Major Gem who temporarily acted as commander, also died the following Nov. 4, Major Burt filling the post till the appointment of Col. W. Swynfen Jervis. The first adju-

tant (appointed in 1860) was Captain McEunni, who retired in 1870, having received bodily injuries through being thrown from his horse; he was succeeded by the present Adjutant-Colonel Tarte. The first uniform of the corps was a grey tunic with green facings, and a peaked cap with cock's feathers; in 1863 this was changed for a green uniform with red facings, similar to that worn by the 60th Rifles, with the exception of a broad red stripe on the trousers. The trouser-stripe was done away with in 1875, when also the cap and feathers gave place to the busby and glengarry, the latter in 1884 being exchanged for the regulation army helmet, and soon perhaps our boys will all be seen in scarlet like their brothers of the Staffordshire battalions. At no date since its enrolment has the battalion been free from debt, and it now owes about £1,300, a state of affairs hardly creditable to the town which sends out yearly, some half-million firearms from its manufactories. The annual balls did not become popular, the last taking place in 1864; bazaars were held October 14-17, 1863, and October 24-27, 1876; athletic displays have been given (the first in May, 1865), and the cap has been sent round more than once, but the debt—it still remains. At the Volunteer Review, July 24, 1861, before the Duke of Cambridge; at the Hyde Park Review, June, 1865, before the Prince of Wales; at the Midland Counties' Review at Derby, June, 1867; at the Royal Review at Windsor in 1863; and at every inspection since, the Birmingham corps has merited and received the highest praise for general smartness and efficiency; it is one of the crack corps of the kingdom, and at the present time (end of 1884) has not one inefficient member out of its 1,200 rank and file, but yet the town is not liberal enough to support it properly. The first march-out of 720 to Sutton took place June 21, 1875, others joining at the camp, making over 800 being under canvas, 744 attending

the review. The camping-out at Streety Wood has annually recurred since that date; the first sham fight took place June 20, 1877. The "coming-of-age" was celebrated by a dinner at the Midland Hotel, January 29, 1881, up to which time the Government grants had amounted to £26,568 14s., the local subscriptions to £3,780, and the donations to £1,956 1s. 3d. The Birmingham Rifle Corps is now known as the First Volunteer Battalion of the Royal Warwickshire Regiment, having been linked to the "Saucy Sixth," under the army scheme of 1873.—See "*Public Buildings—Drill Hall.*"

Von Beck.—The Baroness Von Beck was a lady intimately connected with the chiefs of the Hungarian Revolution of 1848, and appears to have been employed by them in various patriotic services. In 1851 she visited Birmingham and was a welcome guest until "someone blundered" and charged her with being an impostor. On the evening of August 29, she and her copatriot, Constant Derra de Moroda, were arrested at the house of Mr. Tyndall and locked up on suspicion of fraud. Her sudden death in the police-court next morning put a stop to the case; but an action resulted, in which George Dawson and some friends were cast for heavy damages as a salve for the injured honour of M. de Moroda.

Wages and Work.—In 1272 the wages of a labouring man was just 1½d. per day. In Henry VIII.'s reign labourers' wages averaged 4d. per day; skilled workmen 5½d. per day. The penny at that time was equal to a shilling of the present day, and would, relatively, purchase as much. In 1682, the Justices of the Peace assembled in Quarter Sessions at Warwick fixed the rates of wages to be paid to the several classes of artificers, labourers, and others, as enjoined by a statue of Elizabeth. From their order then made, we find that a master carpenter, his servants, and journeymen, were to

receive 1s. each per day; a master bricklayer, a mason, a cartwright, a thatcher, a tyler, a mower, and a reaper also 1s. per day, other workmen and labourers averaging from 4s. to 8d. per day, but none of them to receive more than half these rates if their meat and drink was found them. The hours of work to be from five in the morning till half-past seven at night. Any person refusing to work upon these terms was to be imprisoned, and anyone paying more to forfeit £5 in addition to ten days' imprisonment, the unfortunate individual receiving such extra wages to suffer in like manner for twenty-one days. In 1777, there was a row among the tailors, which led to what may be called the first local strike. The unfortunate "knights of the thimble" only got 12s. to 14s. per week.

Warstone Lane takes its name from the Hoarstone, supposed to have been an ancient boundary mark, which formerly stood at the corner of the lane and Icknield Street, and which is now preserved within the gateway entrance to the Church of England cemetery. Hutton says that in 1400 there was a castle, with a moat round it, in Warstone Lane. The lane has also been called Deadman's Lane, and considering the proximity of the cemetery that name might even now be applicable.

Warwick House, as it now stands was begun in 1839 or 1840; formerly it was composed of two cottages, one with a bit of garden ground in front, which underwent the usual transformation scene of being first covered in then built upon.

Warwickshire, the county in which Birmingham is situated, has a total area of 566,458 acres, of which 283,946 acres are permanent pasture lands, and 210,944 acres under crops or arable land. In 1882 the live stock in the country, as returned by the occupiers of land, included 29,508

horses, 5,503 being kept solely for breeding; 93,334 cattle; 218,355 sheep; and 41,832 pigs.

Warwick Castle is open to visitors every day, except Sunday; when the family are absent from home, from 9 a.m. to 4 p.m., but if they are at home, from 9 to 10 a.m. only.

Warwick Vase.—The bronze copy in Aston Hall was cast by Sir Richard Thomson.

Warwickshire Regiment.—The 6th Foot recruited in this county in 1778 so successfully that it was called "The Warwickshire," Birmingham supplying the largest proportion of the men, and raising by public subscription £2,000 towards their equipment. Under Lord Cardwell's army localisation plan of 1873, the regiment is now called the 1st Royal Warwickshire, and, with the Warwickshire Militia and Volunteers, forms the 28th Brigade.

Watch House.—On the right hand side of Crooked Lane from High Street, may still be seen the old Watch House, where, fifty years ago, the "Charleys," or night watchmen, took any drunken or disorderly characters, or night prowlers, they happened to meet with, or whom they dare tackle.

Waterloo Veterans.—John McKay was born in November, 1792, and entered the army as a drummerboy in 1803; he died here in July, 1879. He served 41 years, and was for the last 25 years of his life office keeper of the Royal Engineers' Office in this town. Another "Waterloo man," George Taylor, died here, November 6, 1880, aged 98.

Water Pipes.—In 1810 Mr. Murdoch started a Company for manufacturing stone pipes for water-works, and they made a large quantity, which were laid down in London and Manchester, but they had to come up again, as the pipes split—and the Company burst.

Waterspouts and Whirlwinds are not of common occurrence hereabouts. One of the former burst over the Lickey Hills, April 13, 1792, the resulting flood reaching to Bromsgrove. A whirlwind at Coteshill, April 4, 1877, played havoc with some hayricks, hedges, trees, &c.

Water Street, formerly Water Lane, had a brook running down one side of it when houses were first built there.

Weather Cocks.—Mention is made of Weather Cocks as early as the ninth century, and it has been supposed that the Cock was intended as an emblem of the vigilance of the clergy, who irreverently styled themselves the Cocks of the Almighty, their duty being, like the cock which roused Peter, to call the people to repentance, or at any rate to church. These are the longest-lived birds we know of. The one which had been perched on the old spire of St. Martin's for a hundred years or more was brought down July 22, 1853, and may still be seen at Aston Hall, along with the old bird that tumbled off Aston church October 6, 1877. The last was made of copper in July, 1830, and contained, among other articles, a copy of *Swinney's Birmingham Chronicle* of June 29, 1815, with a full account of the Battle of Waterloo.

Weighing Machines were introduced by John Wyatt, in 1761, and the first was purchased by the Overseers in 1767, so that the profits might reduce the poor rates. It was situated at the top corner of Snow Hill, and so much did the Overseers value it, that they gave notice, (Feb. 18th, 1783) of their intention of applying to Parliament for the monopoly of securing "the benefit of weighing out coals to the town."

Welsh Cross.—One of the Old-time Market-houses at the corner of Bull Street, the bottom portion of the edifice being used by country people as a butter market. The upper room was for meetings and occasionally used for

the detention of prisoners who came (it has been said) through the window on to a small platform for the pillory or cat-o'-nine-tails, according to their sentence.

West Bromwich, if we are to credit "*Britannia Depicta*," published in 1753, was originally West Bromicham, or West Birmingham.

Wheeley's Lane, though one of the quietest thoroughfares in Edgbaston, was formerly used as part of the coach-road to Bristol, those vehicles passing the Old Church and down Priory Road.

Windmill.—The old windmill that used to be on Holloway Head is marked on the 1752 map, and it has been generally understood that a similar structure stood there for many generations, but this one was built about 1745. The sails might have been seen in motion forty or forty-five years ago, and probably corn was then ground there. After the departure of the miller and his men it was used for a time as a sort of huge summer house, a camera obscura being placed at the top, from which panoramic views of the neighbourhood could be taken. It was demolished but a few years back.

Woman's Rights.—A local branch of the Women's Suffrage Association was formed here in 1868: a Women's Liberal Association was instituted in October, 1873; a branch of the National Union of Working Women was organised January 29th, 1875; and a Woman Ratepayers' Protection Society was established in August, 1881. With ladies on the School Board, lady Guardians, lady doctors, a special Women's Property Protection Act, &c., &c., it can hardly be said that our lady friends are much curtailed of their liberty. We know there are Ladies' Refreshment Rooms, Ladies' Restaurants, and Ladies' Associations for Useful Work and a good many other things, but we doubt if the dear creatures of to-day would ever dream of having such an institution as

Ladies' Card Club, like that of their Edgbaston predecessors of a century back.

Women Guardians.—The introduction of the female element in the choice of Guardians of the Poor has long been thought desirable, and an Association for promoting the election of ladies was formed in 1882. There are now two women Guardians on the Birmingham Board, and one on the King's Norton Board. Taking lesson of their political brothers, the members of the Association, experiencing some difficulty in finding ladies with proper legal qualification to serve on the Board, "purchased a qualification," and then run their candidate in. The next step will doubtless be to pay their members, and, as the last year's income of the Association amounted to £12 4s. 11d., there can be no difficulty there.

Yeomanry Cavalry.—The last official report showed the Warwickshire regiment could muster 213 on parade; while the Staffordshire had 422.

Y.M.C.A. and Y.W.C.A.—See "*Philanthropic Institutions.*"

Zoological Association.—Early in 1873 a provisional committee of gentlemen undertook the formation of a local society similar to that of the Regent's Park, of London, proposing to raise a fund of £7,000 towards such an establishment, partly by donations and partly in shape of entrance fees to Fellowship (fixed at £5). It was believed that with a fair number of annual 40s. subscriptions and gate money from the public that such a society might be made successful; several handsome donations were promised, and a lot of "fellows" put their names down as good for the fivers, but when, a little time after, Edmunds' (*alias* Wombwell's) agents were trying to find here a purchaser for their well-known travelling collections, the piecrust proverb was again proved to be correct.

Zoological Gardens.—Morris Roberts, the ex-prizefighter, opened a menagerie in the grounds of the Sherbourne Hotel, and called it The Zoological Gardens, May 4, 1873. The animals were sold in April, 1876, the place not being sufficiently attractive.

Obituary.

The following short list of local people of interest may not be an unacceptable addition to the many whose names appear in various parts of the preceding work :—

- AITKEN, W. C., the working man's friend, died March 24, 1875, aged 58.
- ALBITES, ACHILLE, a respected teacher of French, died June 8, 1872, aged 63.
- ARIS, THOMAS, founder of the *Gazette*, died July 4, 1761.
- AYLESFORD, LORD, died Jan. 13, 1885, at Big Springs, Texas, aged 35.
- BANKS, MORRIS, chemist and druggist, died June 21, 1880, aged 75.
- BANKS, WILLIAM, long connected with the local Press, died March 1, 1870, aged 50.
- BATES, WILLIAM, a literary connoisseur of much talent, died September 24, 1884.
- BOULTON, ANN, only daughter of Matthew Boulton, died October 13, 1829.
- BROWN, Rev. PHILIP, for 32 years Vicar of St. James's, Edgbaston, died September 15, 1884.
- BIRD, ALFRED, well-known as a manufacturing chemist, died December 15, 1878, aged 67.
- BARRETT, Rev. I. C., for 43 years Rector of St. Mary's, died February 26, 1881.
- BRACEBRIDGE, CHARLES HOLTE, a descendant of the Holtes of Aston, died July 12, 1872, aged 73. He left several pictures, &c., to the town.
- BRAILSFORD, Rev. Mr., Head-master Grammar School, died November 20, 1775.
- BRAY, SOLOMON, formerly Town Clerk, died January 9, 1859.
- BREAY, Rev. JOHN GEORGE, seven years Minister of Christ Church, died December 5, 1839, in his 44th year.
- BREEDON, LUKE, over fifty years a minister of the Society of Friends, died in 1740, aged 81.
- BRIGGS, Major, W. B. R. V., died January 24, 1877, aged 45.
- BURN, Rev. EDWARD, 52 years Minister at St. Mary's, died May 20, 1837, aged 77.
- CADBURY, B. H., died January 23, 1880, in his 82nd year.
- CHAVASSE, PYE.—A surgeon, well known by his works on the medical treatment of women and children, died September 20, 1879, in his 70th year.
- CHAVASSE, THOS., pupil of Abernethy, and followed his profession in this town till his 80th year. He died October 19, 1884, aged 84.
- CHURCH, BENJ., of the *Gazette*, died July 1, 1874, aged 48.
- DAVIS, GEORGE, a local poet, as well as printer, died 1819.
- DAWSON, SUSAN FRANCES, relict of George Dawson, died November 9, 1878.
- DOBBS, JAMES, a comic song writer and comedian, a great favourite with his fellow-townpeople, died November 1, 1837, aged 56.
- EGINGTON, F., an eminent painter on glass, died March 25, 1805, aged 68.
- ELKINGTON, GEORGE RICHARDS, the patentee and founder of the electro-plate trade, died September 22, 1866 aged 65.
- EVERITT, EDWARD, landscape painter, a pupil of David Cox, and a member of the original Society of Arts, died July 2, 1880, in his 88th year.
- FEENEY, J. F., proprietor of *Birmingham Journal*, died May 12, 1869.

- FREETH, Miss JANE, last surviving daughter of poet Freeth, died September 2, 1860, aged 89.
- GARBETT, Rev. JOHN, died August 23, 1858, aged 66.
- GARNER, THOMAS, a distinguished line engraver, died in July, 1868. His delineations of the nude figure were of the highest excellence.
- GODFREY, ROBT., for nearly fifty years a minister of the Catholic Apostolic Church, died Jan. 12, 1883, aged 75.
- GOUGH, JOHN, an old churchwarden of St. Martin's, died November 30, 1877, aged 63.
- HAMMOND, Rev. JOSEPH, Congregational Minister, Handsworth, died March, 30, 1870.
- HANMAN, WILLIAM, for twenty-one years Market Superintendent, died Dec. 1, 1877, aged 51.
- HILL, M. D., first Borough Recorder, died June 7, 1872, aged 79.
- HILL, Rev. Micaiah, director of the Town Mission, founder of the Female Refuge, and Cabmen's Mission, &c., died September 24, 1884, aged 60.
- HODGETTS, WILLIAM, the first printer of the *Birmingham Journal* (in 1825) and afterwards publisher of *Birmingham Advertiser*, died January 2, 1874, aged 83.
- HODGSON, Mr. JOSEPH, for 27 years one of the surgeons at General Hospital, died February 7, 1869, aged 82.
- HOLDER, HENRY, died January 27, 1880, in his 70th year.
- HOLLINGS, W., architect, died January 12, 1843, aged 80.
- HORTON, ISAAC, pork butcher, died November 15, 1880, aged 59. His property in this town estimated at £400,000, besides about £100,000 worth in Walsall, West Bromwich, &c.
- HUDSON, BENJAMIN, printer, 54 years in one shop, died December 9, 1875, aged 79.
- HUTTON CATHERINE, only daughter of William Hutton, died March 31, 1846, aged 91.
- HUTTON, Rev. HUGH, many years minister at Old Meeting, died September 13, 1871, aged 76.
- IVERS, the Very Rev. BERNARD, canon of St. Chad's Cathedral, and for thirty years rector of St. Peter's (Roman Catholic) church, Broad Street, died June 19, 1830.
- JAFFRAY, JAMES, a pleasant writer of local history, died Jan. 7, 1884.
- JEUNE, Rev. FRANCIS, Bishop of Peterborough, and once head master of Free Grammar School, died August 21, 1868, aged 62.
- KENNEDY, Rev. RANN, of St. Paul's died January 5, 1851, aged 79.
- KENTISH, Rev. JOHN, for fifty years pastor at the New Meeting, died March 6, 1853.
- KNIGHT, EDWARD, an eminent comic actor, who had long performed at Drury Lane and the Lyceum, was born in this town in 1774: died Feb. 21, 1826.
- LEE, Dr. J. PRINCE, the first Bishop of Manchester, and who had been for many years head master at Free Grammar School, died December 24, 1869.
- LLOYD, Mr. SAMPSON, banker died December 28, 1807, aged 80.
- MACREADY, WM., many years manager at Theatre Royal, died April 11, 1829.
- MACKENZIE, Rev. JOHN ROBERTSON, D.D., many years at Scotch Church, Broad Street, died March 2, 1877, aged 66.
- MADDOCKS, CHARLES, a local democrat of 1819, died April 3, 1856, aged 78.
- MARSDEN, Rev. J. B., of St. Peter's, died June 16, 1870.
- McINNIS, Capt. P., adjutant B.R.V., died February 16, 1880, aged 66 years

- MITCHELL, SIDNEY J., solicitor, accidentally killed at Solihull, March 22, 1882.
- MOLE, Major ROBERT, B.R.V., died June 9, 1875, aged 46.
- MOORE, JOSEPH, "founder of the Birmingham Musical Festival," died April 19, 1851.
- MOTTERAM, J., eight years County Court Judge, died Sept. 19, 1884, aged 67.
- NETTLEFOLD, JOSEPH HENRY, died November 22, 1881, aged 54. He left a valuable collection of pictures to the Art Gallery.
- NOTT, Dr. JOHN, born in 1751, studied surgery in Birmingham, but was better known as an elegant poet and Oriental scholar, died in 1826.
- OLDKNOW, REV. JOSEPH, Vicar of Holy Trinity, died September 3, 1874, aged 66.
- OSLER, THOS. CLARKSON, died Nov. 5, 1876, leaving personal estate value £140,000. He bequeathed £1,000 to the hospitals, and £3,000 to the Art Gallery.
- PAGE, REV. RICHARD, first Vicar of St. Asaph's, died March 9, 1879, aged 41.
- PEMBERTON, CHARLES REECE, long connected with Mechanics' Institute, died March 3, 1840, aged 50.
- PENN, BENJAMIN, died November 13, 1789. He was one of the old "newsmen" who, for twenty years, delivered the *Gazette* to its readers, and though he travelled nearly 100 miles a week, never suffered from illness.
- PETTIT, REV. G., Vicar of St. Jude's, died January 19, 1873, aged 64.
- PYE, JOHN, a celebrated landscape engraver, died February 6, 1874, aged 91.
- RATCLIFF, Lady JANE, widow of Sir John, died Sept. 12, 1874, aged 72.
- REDFERN, WILLIAM, the first Town Clerk, died April 23, 1872, aged 70.
- REECE, W. H., solicitor, died in May, 1873, aged 63. He rebuilt St. Tudno's Church, on the Ormeshead, and did much to popularise Llandudno.
- RICHARDS, Mr. WM. WESTLEY, the world-known gunmaker, died Sept. 14, 1875, aged 76.
- ROBINS, EBENEZER, auctioneer, died July 1, 1871.
- ROTTON, H., died December 13, aged 67.
- SALT, T. C., a prominent member of the Political Union, died April 27, 1859, aged 70.
- SAXTON, Rev. LOT, a Methodist New Connexion Minister of this town, died suddenly, September, 1880, in his 72nd year.
- SCHOLEFIELD, JOSHUA, M.P., died July 4, 1844, aged 70.
- SCHOLEFIELD, Rev. RADCLIFFE, for 30 years pastor of Old Meeting, died June 27, 1893, aged 70.
- SMITH, JOHN, attorney, died September 23, 1867.
- SMITH, TOULMIN, died April 30, 1869.
- SPOONER, Rev. ISAAC, for 36 years Vicar of Edgbaston, died July 26, 1884, aged 76.
- SPOONER, RICHARD, Esq., M.P., died November 24, 1864, aged 81.
- SPOONER, Mr. WILLIAM, for seventeen years County Court Judge, of the North Staffordshire district, died May 19, 1880, in his 69th year.
- STANBRIDGE, THOMAS, Town Clerk, died February 10, 1869, aged 52.
- ST. JOHN, Rev. AMBROSE, of the Oratory, died May 24, 1875, aged 60.
- SWINNEY, MYLES, 50 years publisher of the *Birmingham Chronicle*, died November 2, 1812, aged 74.

THORNTON, Capt. F., B.R.V., was thrown from his carriage and killed, May 22, 1876. He was 35 years of age.

TURNER, GEORGE (firm of Turner, Son and Nephew), died March 25, 1875, aged 68, leaving a fortune of £140,000,

UPTON, JAMES, printer, died November 9, 1874.

VINCENT, HENRY, the Chartist, died Dec. 29, 1878.

WORRALL, WILLIAM, for 30 years Secretary of St. Philip's Building Society, died May 1, 1880, in his 78th year.

WRIGHT, Mr. THOS. BARBER, who died October 11, 1878, was one of the founders of the *Midland Counties Herald*, the first to propose the Hospital Sunday collections, and to establish the Cattle Shows.

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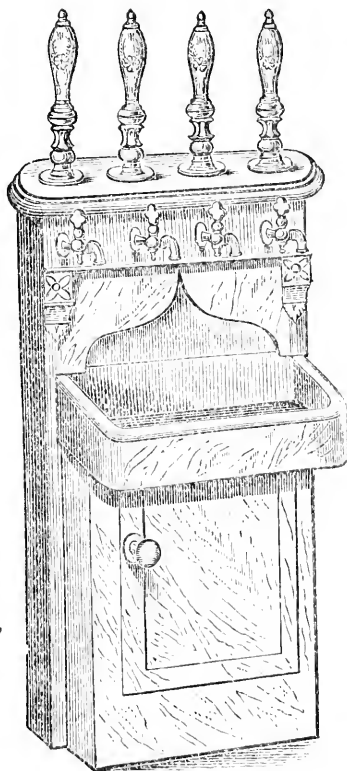
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THE DIRECTORS' REPORT

For the Year ending April 30th, 1885.

*Received and Adopted at the 19th Annual General Meeting of the Company,
held on Tuesday, June 30th, at the Masonic Hall, New St., Birmingham.*

THE Company's past financial year has been one of very exceptional circumstances, but, although we have not been able to do all that we expected to do a year ago, we have made an increase of £12,150 os. 5d. in our Income; carry forward a balance of £10,444 12s 2d., and reduce our working expenses by nearly three per cent.

New Business.—The Proposals received during the year were 143,880, and the Annual Premium thereon £66,485 14s. 5d. Policies issued 123,335, and Annual Premium £55,273 17s. 0d. **Finance.**—The total Income for the year was £131,892 13s. 9d., and total Payments £121,448 1s. 7d., leaving a balance upon the year's Accounts of £10,444 12s. 2d., making the total Funds at the close of the year £56,467 1s. 10d. Amount paid in Claims during the year was £54,755 19s. 8d. The number of Assurants upon the Company's books at the commencement of the present year was 302,416, and their Annual Premium will be £146,050 10s. 5d. A Dividend at the rate of 10 per cent. was declared upon the paid up Capital of the Company.

H. PORT, Manager.

D. A. BECKETT, Secretary.

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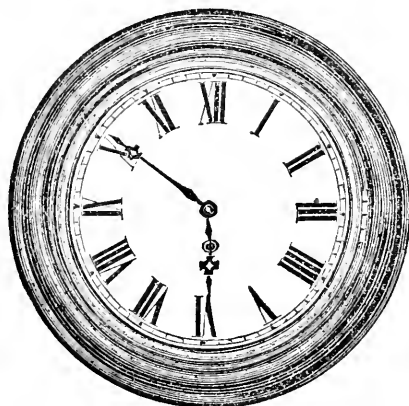
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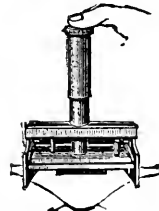
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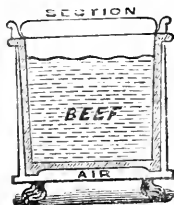
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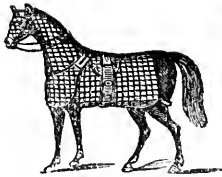


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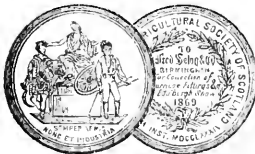


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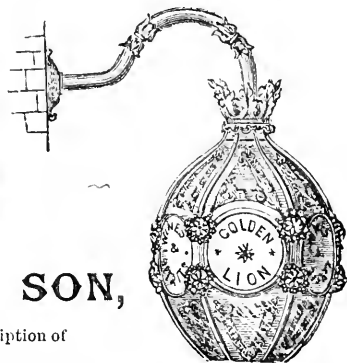
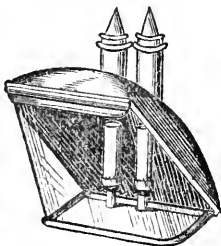
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WATSON & MUNRO'S **Advertising Hotel Tables**

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CANTERBURY THEATRE OF VARIETIES, LONDON,
PARAGON THEATRE OF VARIETIES, LONDON,
MARINE PALACE, MARGATE,
ROYAL AQUARIUM, SCARBOROUGH,
ROYAL AQUARIUM, GT. YARMOUTH,
50 HEAD QUARTERS C.T.C., LONDON,
50 HEAD QUARTERS C.T.C., MIDLANDS,
and Principal Hotels in Birmingham and other Towns.

FOR PARTICULARS OF ADVERTISEMENTS, APPLY TO
WATSON & MUNRO,
ADVERTISING AGENTS,
NEEDLESS ALLEY, BIRMINGHAM.

THE COURT SAUCE & PICKLE Co.,
WORCESTER WORKS, BIRMINGHAM.

USE THE COURT SAUCE !
ASK FOR THE COURT SAUCE !
DEMAND THE COURT SAUCE !
AND HAVE NONE OTHER !!!

See that the Court Sauce Label is on every Bottle.

(THIS TITLE IS REGISTERED.)

SOLE PROPRIETORS AND MANUFACTURERS,
THE COURT SAUCE & PICKLE Co.,
WORCESTER WORKS, BIRMINGHAM,
And sold by all respectable Grocers.

ROYAL INSURANCE COMPANY, LIVERPOOL AND LONDON.

Local Committee:

EDWARD GEM, Esq.,

Birmingham,

Merchant.



M. IRONMONGER, Esq.,

Wolverhampton,

Merchant.

Consulting Physician:

EDWIN RICKARDS, Esq., F.R.C.S., M.R.C.P., (London).

Applications for Agencies invited from gentlemen who are in a position to introduce business.

MIDLAND BRANCH OFFICES:—

34, BENNETT'S HILL, BIRMINGHAM.

LOCAL MANAGER: RO. ROBISON, Esq.

EXTRACTS FROM THE REPORT FOR THE YEAR 1884.

FIRE DEPARTMENT. Premiums, after deducting Re-Assurances £988,156 9 2
LIFE DEPARTMENT. Premiums, after deducting Re-Assurances £250,163 5 5
DECLARATION OF BONUS for the Quinquennium ending 31st Dec., 1884. £1 10s.
 per cent. per annum on sum assured, upon all Policies entitled to participate.

FUNDS.

After providing for payment of the Dividend, the Funds of the Company stand as follows:—

Capital Paid-up ..	£550,000 0 0	£289,545 0 0
Fire Fund ..	200,000 0 0	750,000 0 0
Conflagration Fund ..		1,100,000 0 0
Reserve Fund ..		150,095 6 8
Balance of Profit and Loss ..		3,058,767 2 6
Life Funds ..		£5,348,407 9 2